

Figure 1

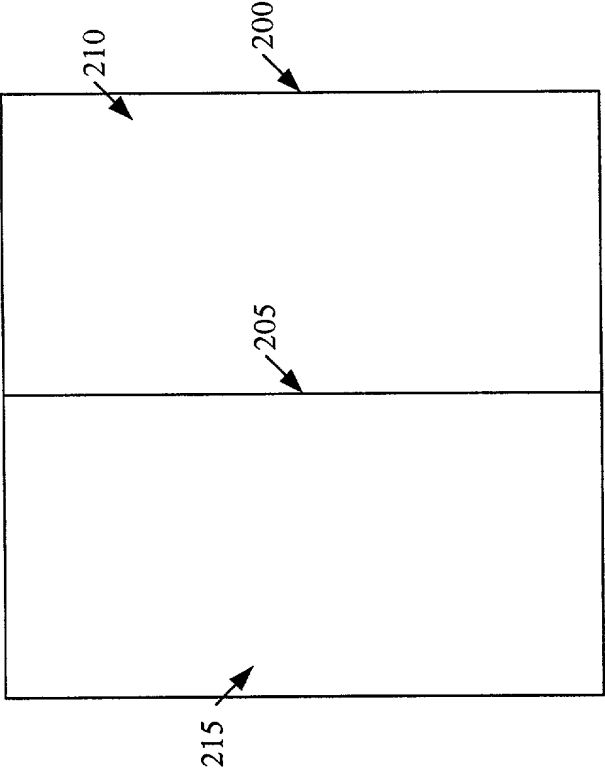


Figure 2

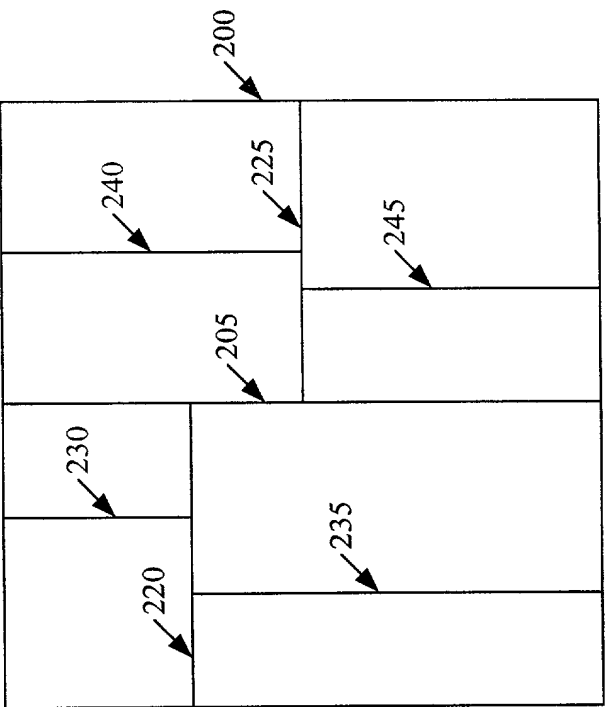


Figure 3

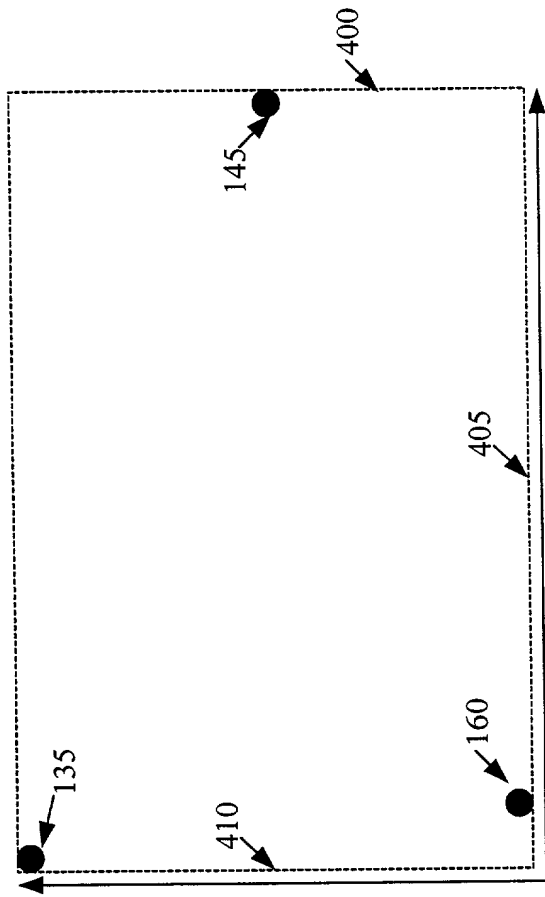


Figure 4

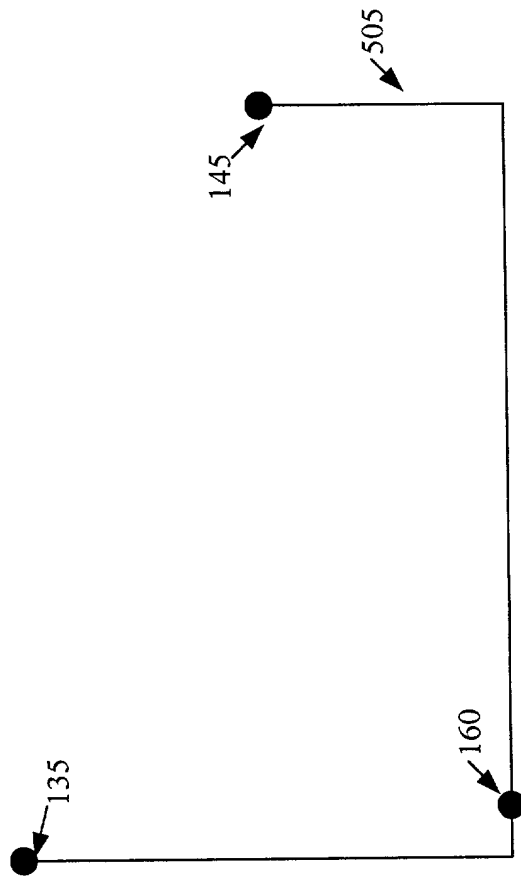


Figure 5

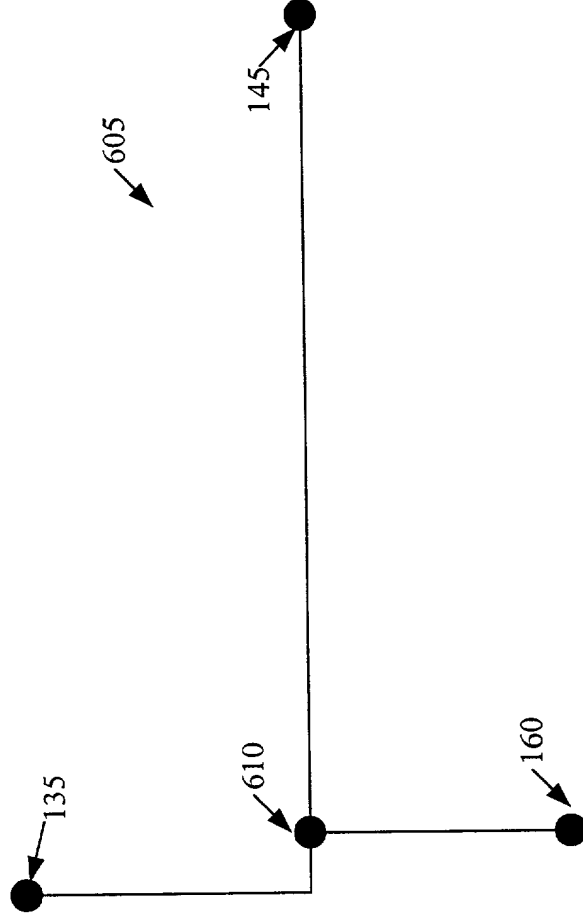


Figure 6

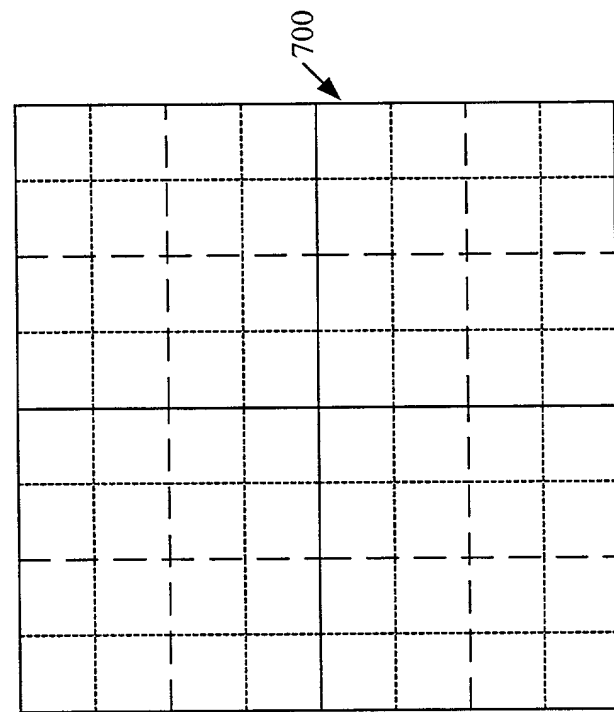


Figure 7

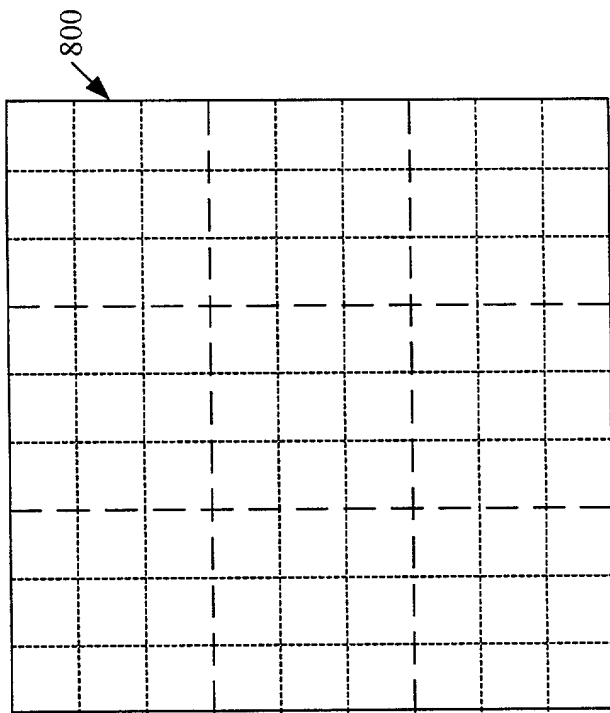


Figure 8

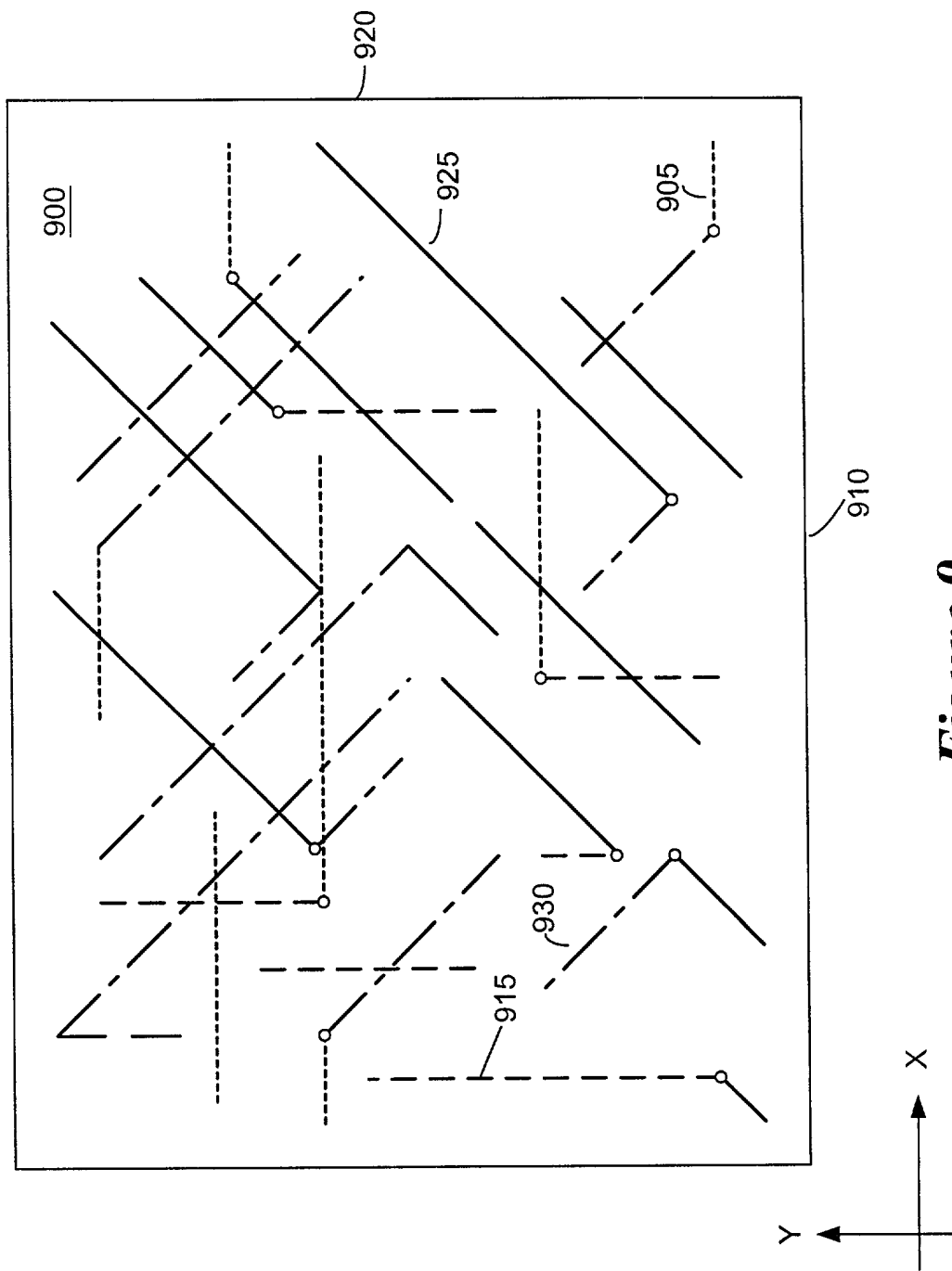


Figure 9

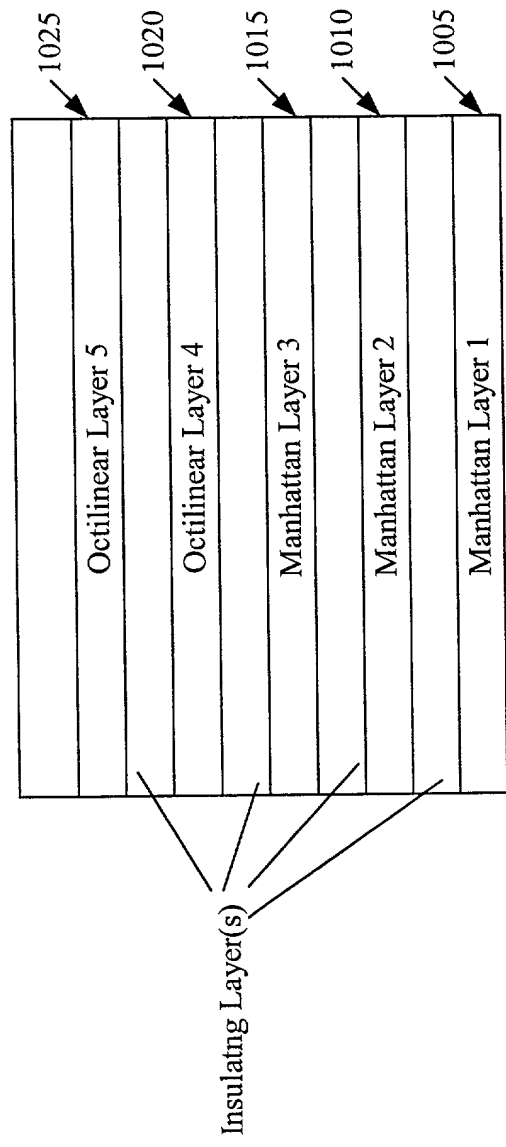


Figure 10

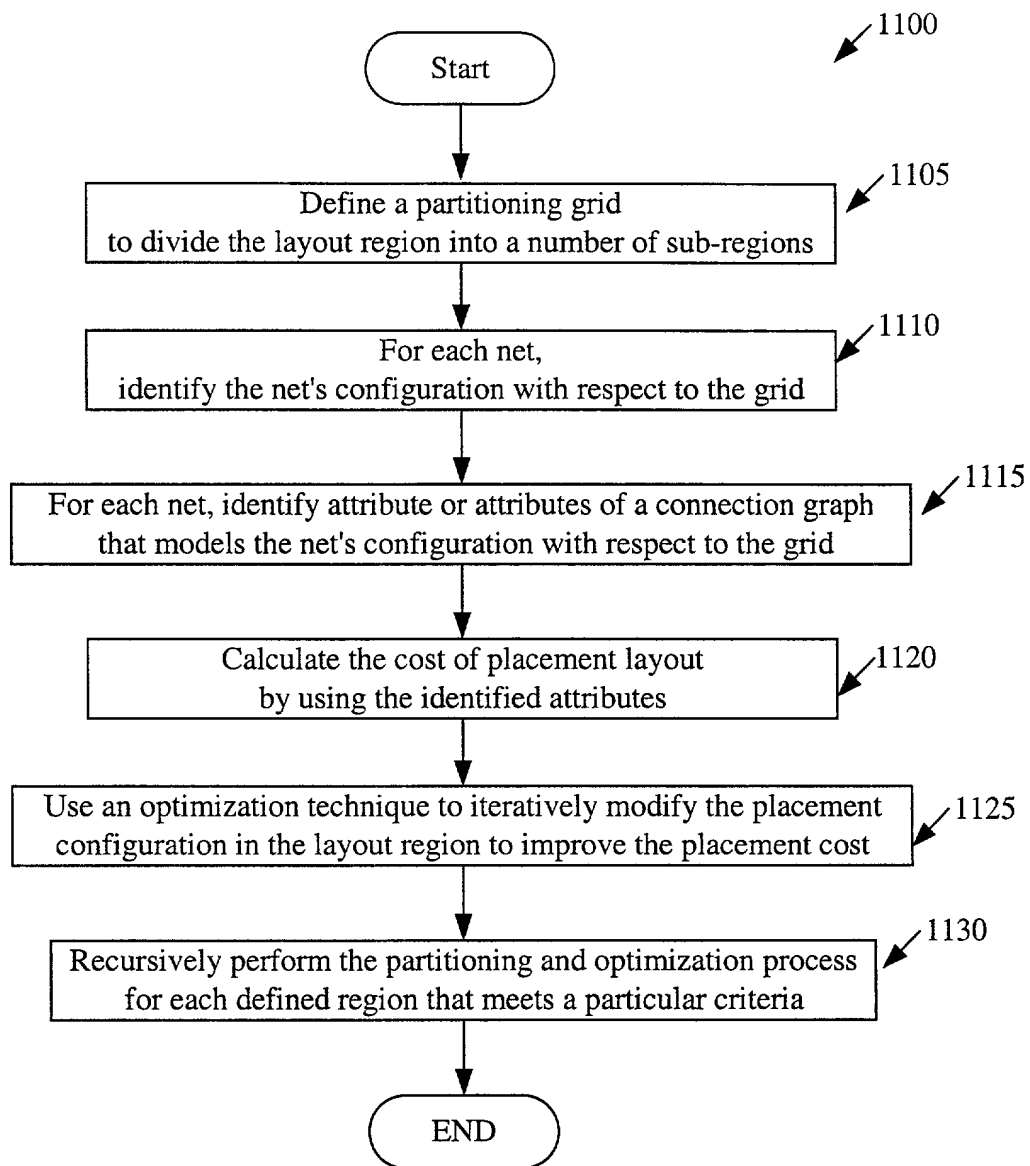


Figure 11

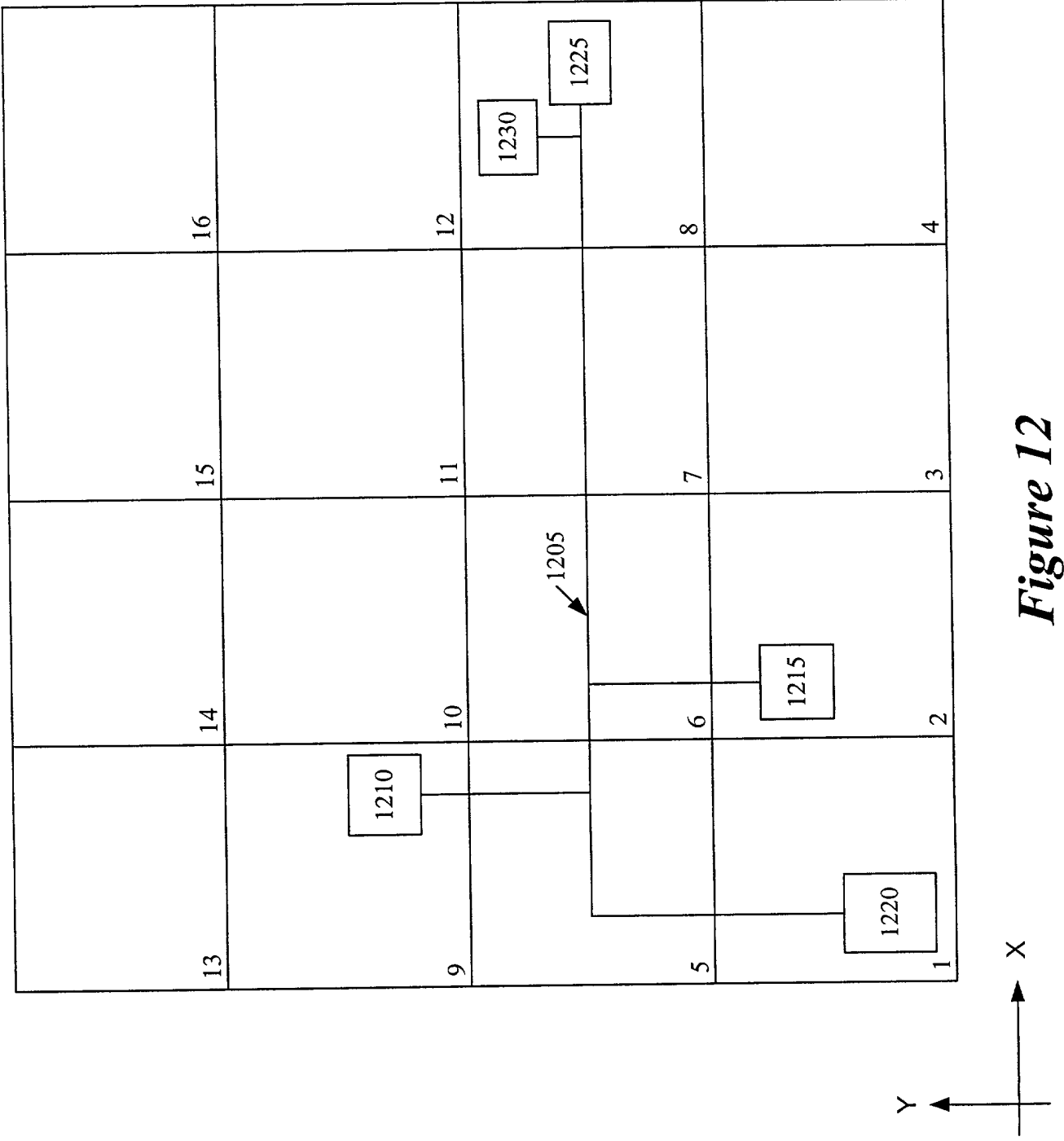


Figure 12

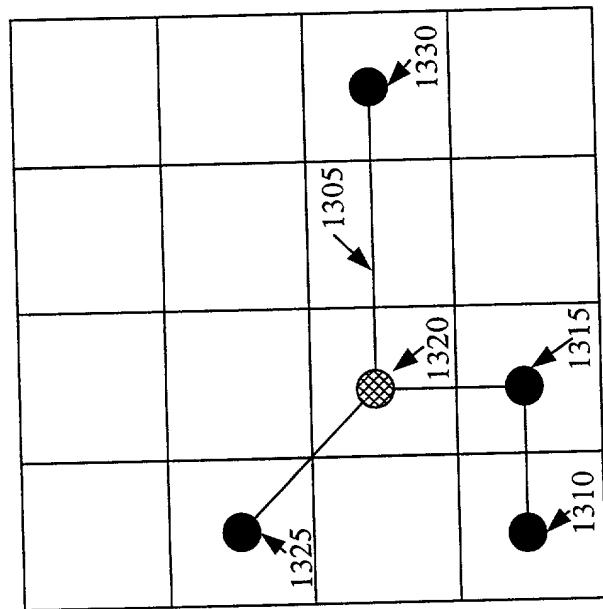


Figure 13

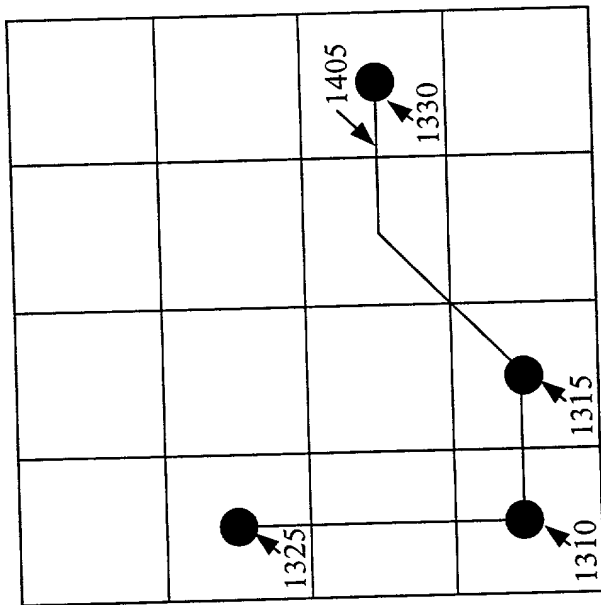


Figure 14

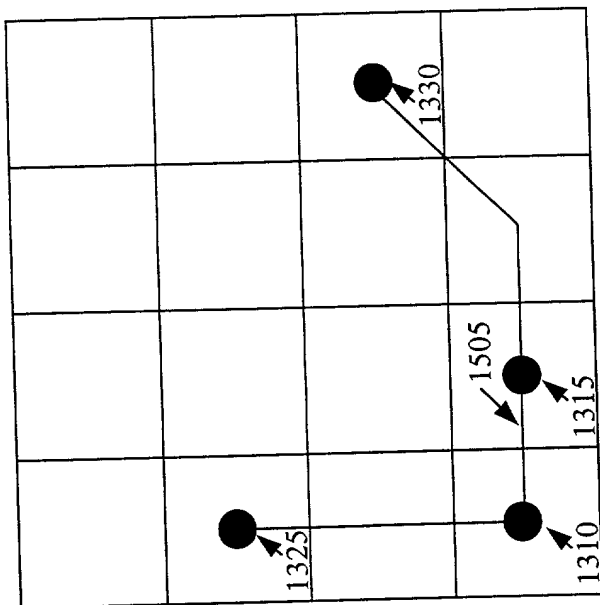


Figure 15

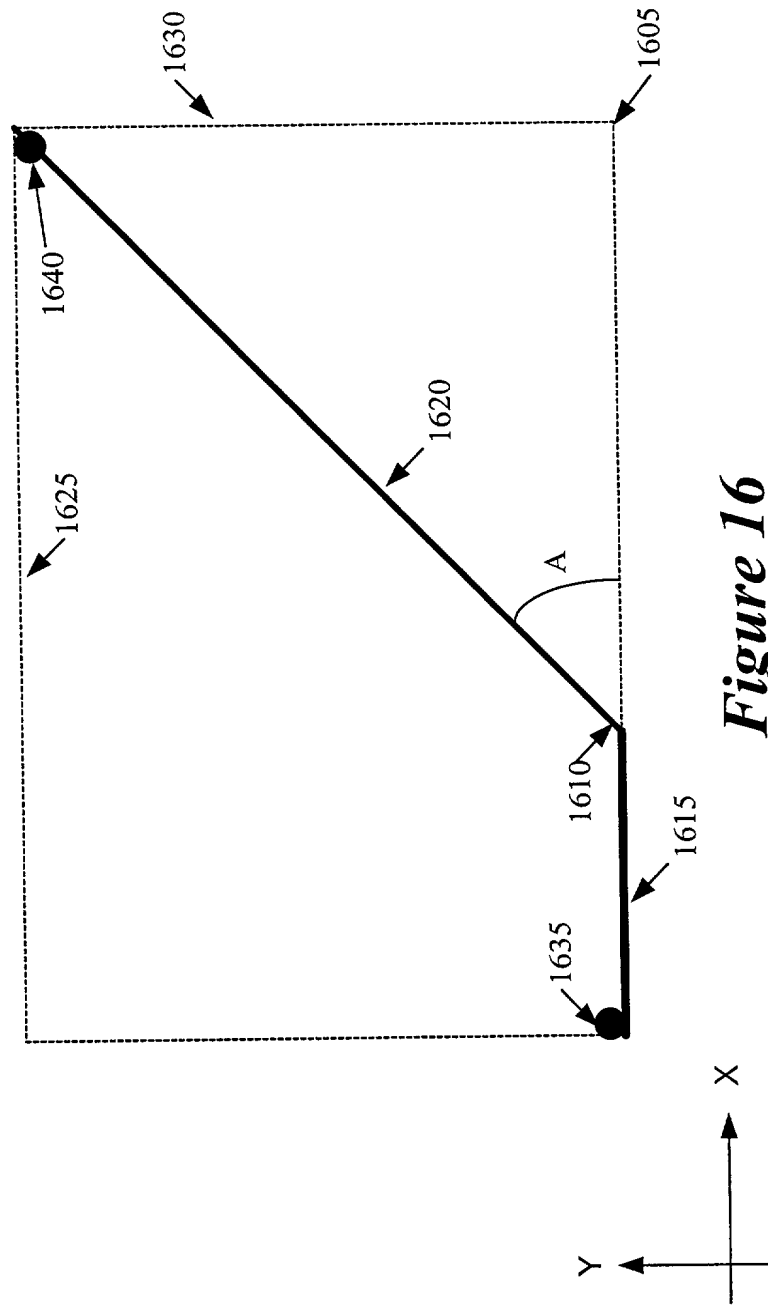


Figure 16

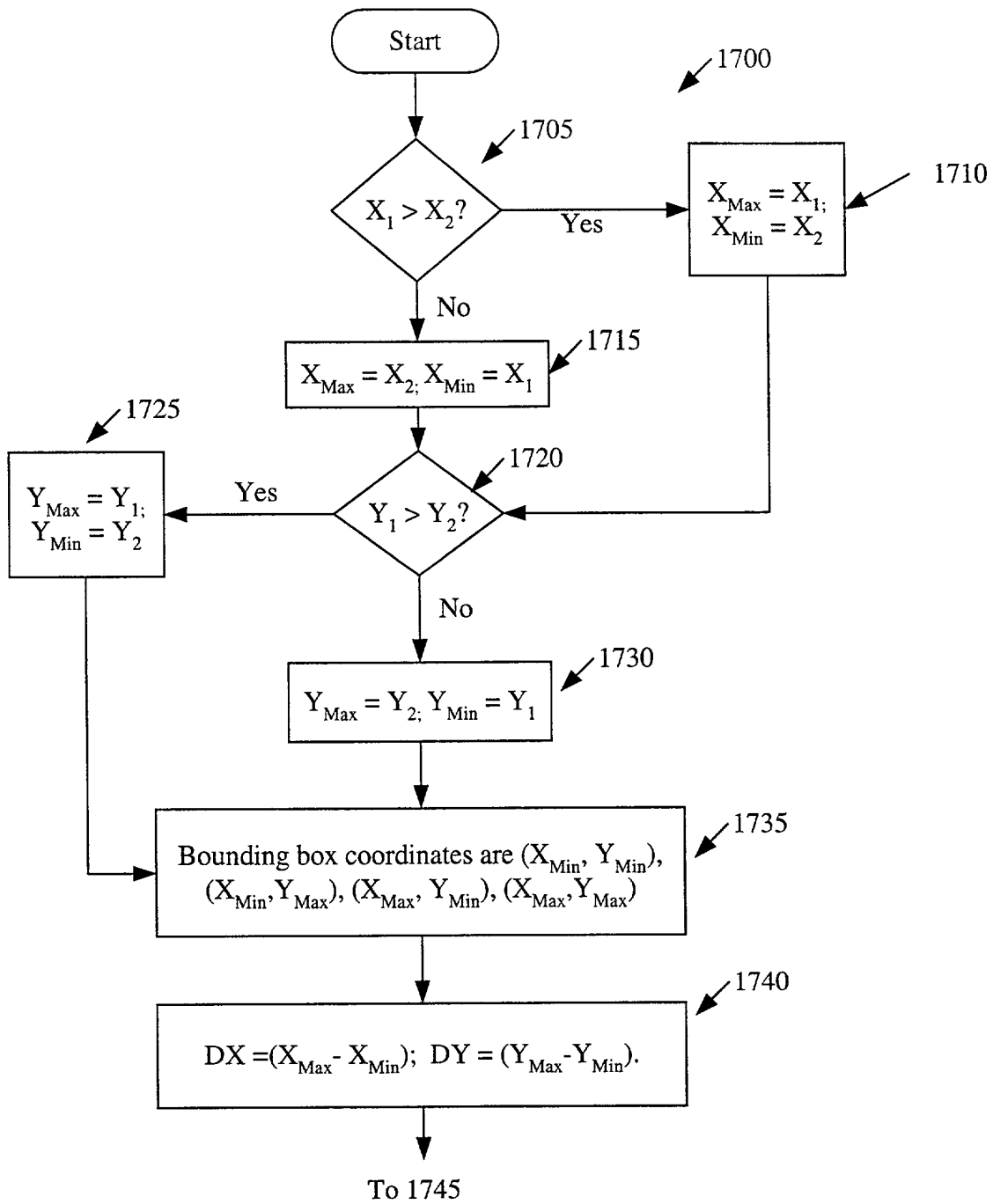


Figure 17A

Figure 17: $\frac{\text{Figure 17A}}{\text{Figure 17B}}$

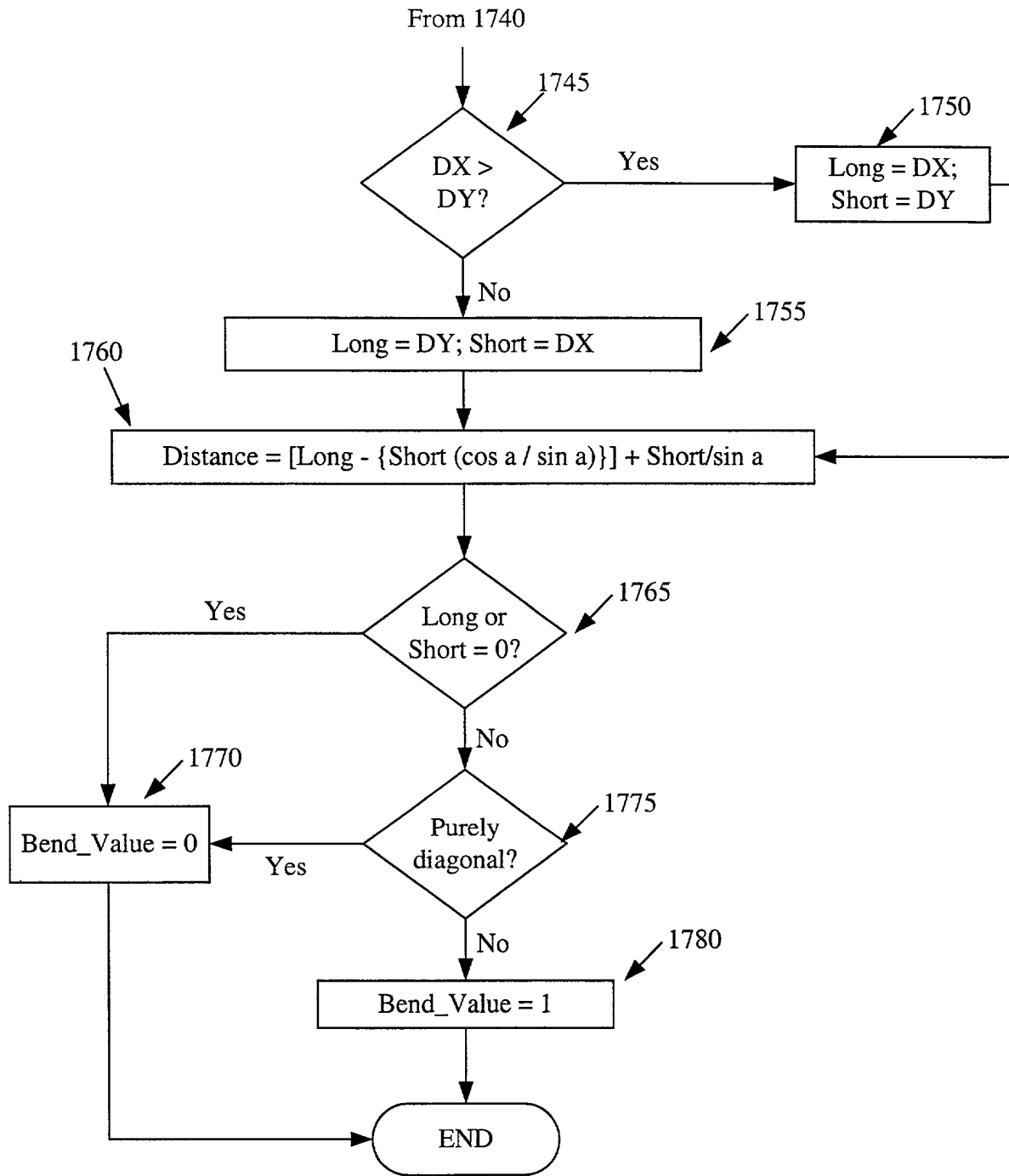


Figure 17B

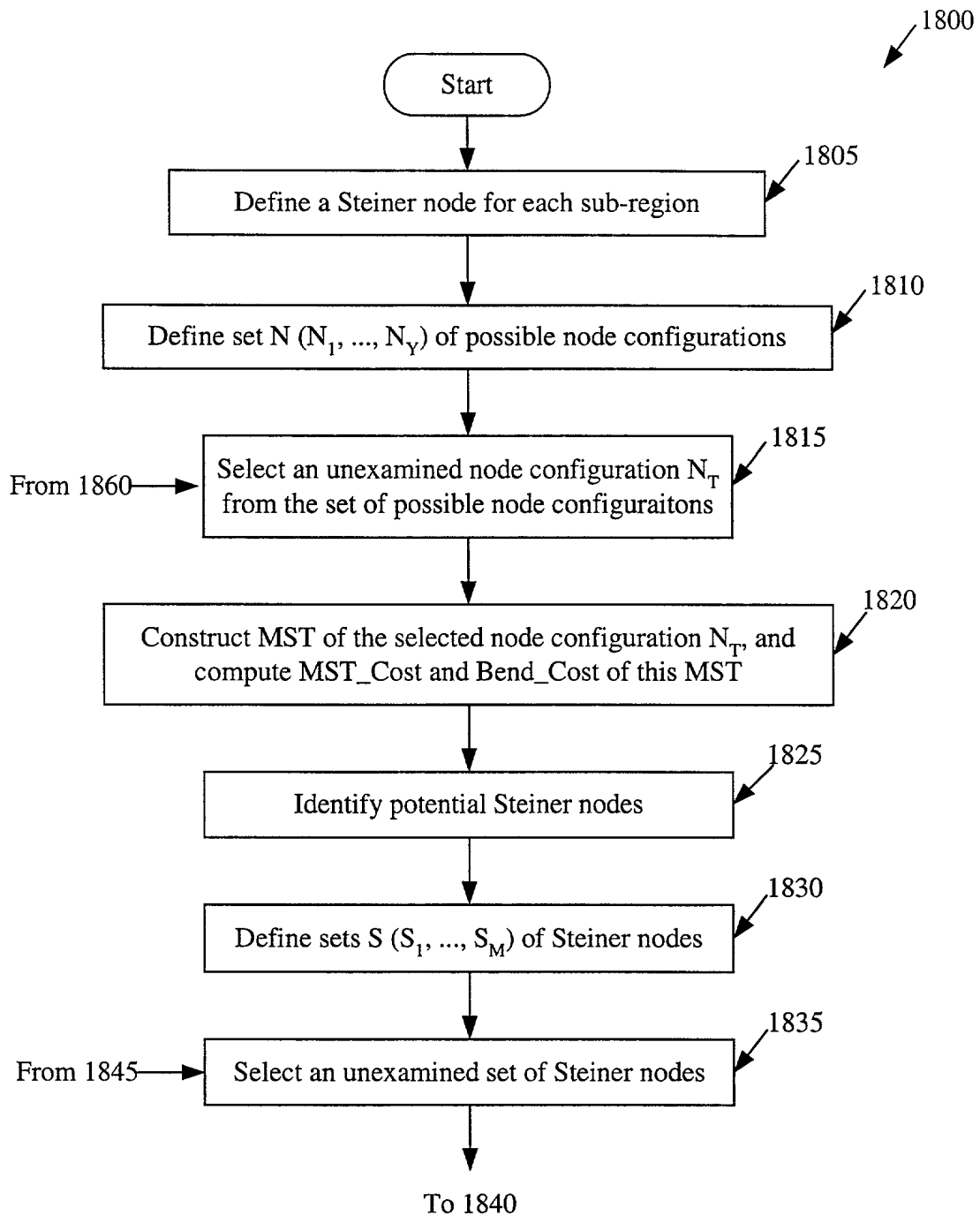


Figure 18A

Figure 18: $\frac{\text{Figure 18A}}{\text{Figure 18B}}$

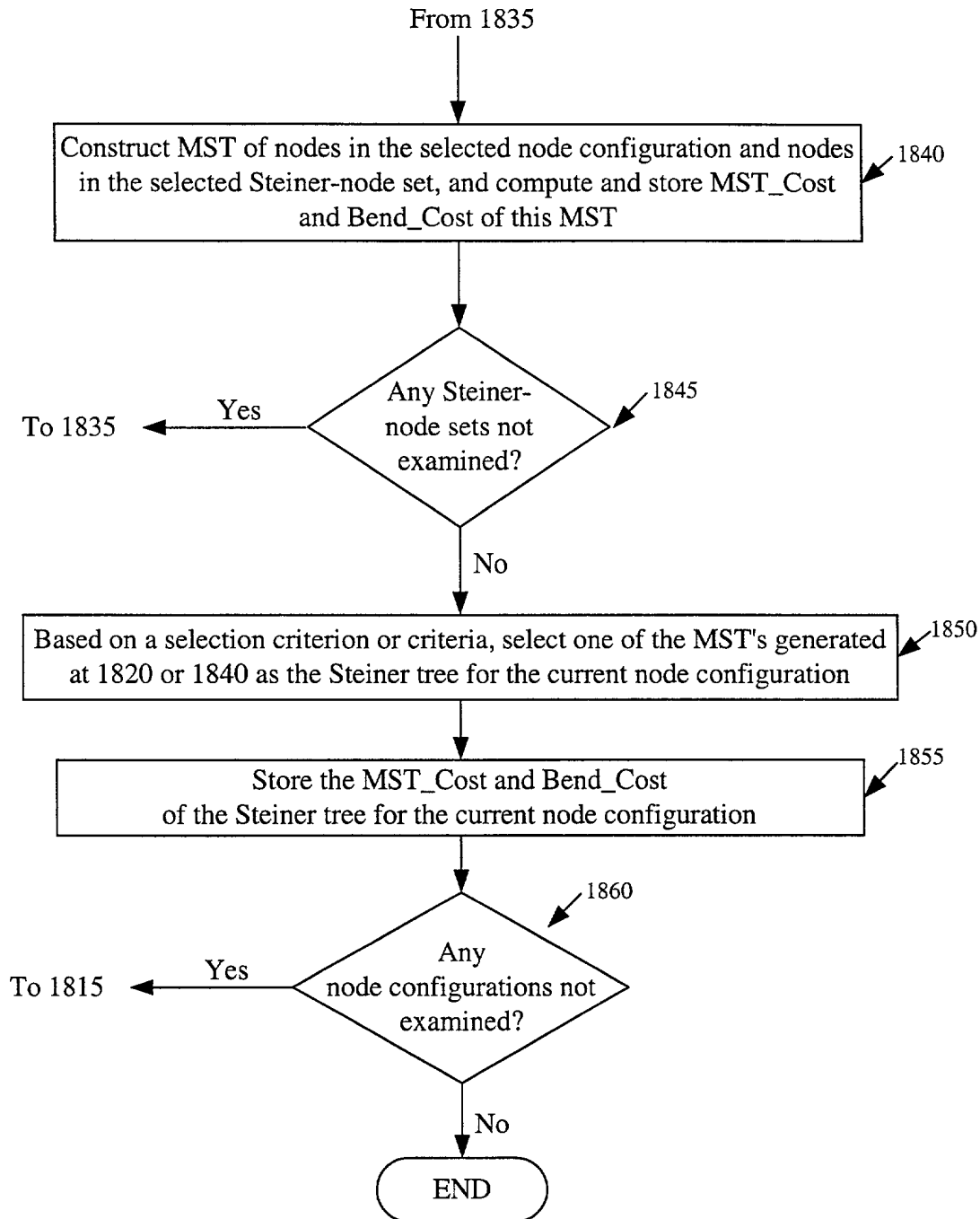


Figure 18B

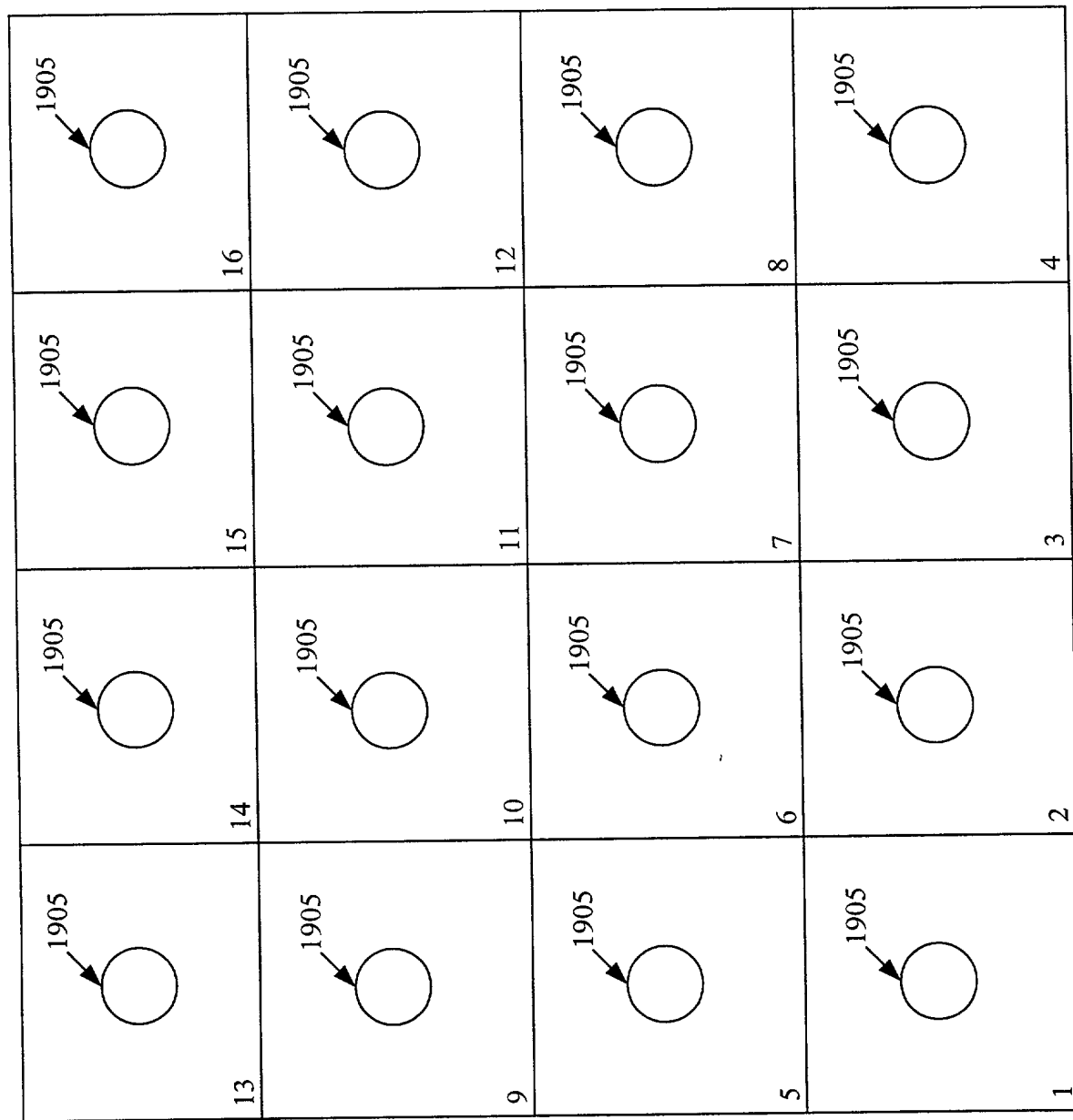


Figure 19

(X) 2055	(X) 2055	(X) 2055	(X) 2055
(S) 2010	(S) 2050	(S) 2050	(S) 2050
(S) 2050	(S) 2050	(S) 2050	(S) 2050
(S) 2015	(S) 2020	(S) 2050	(S) 2050

2005

Figure 20

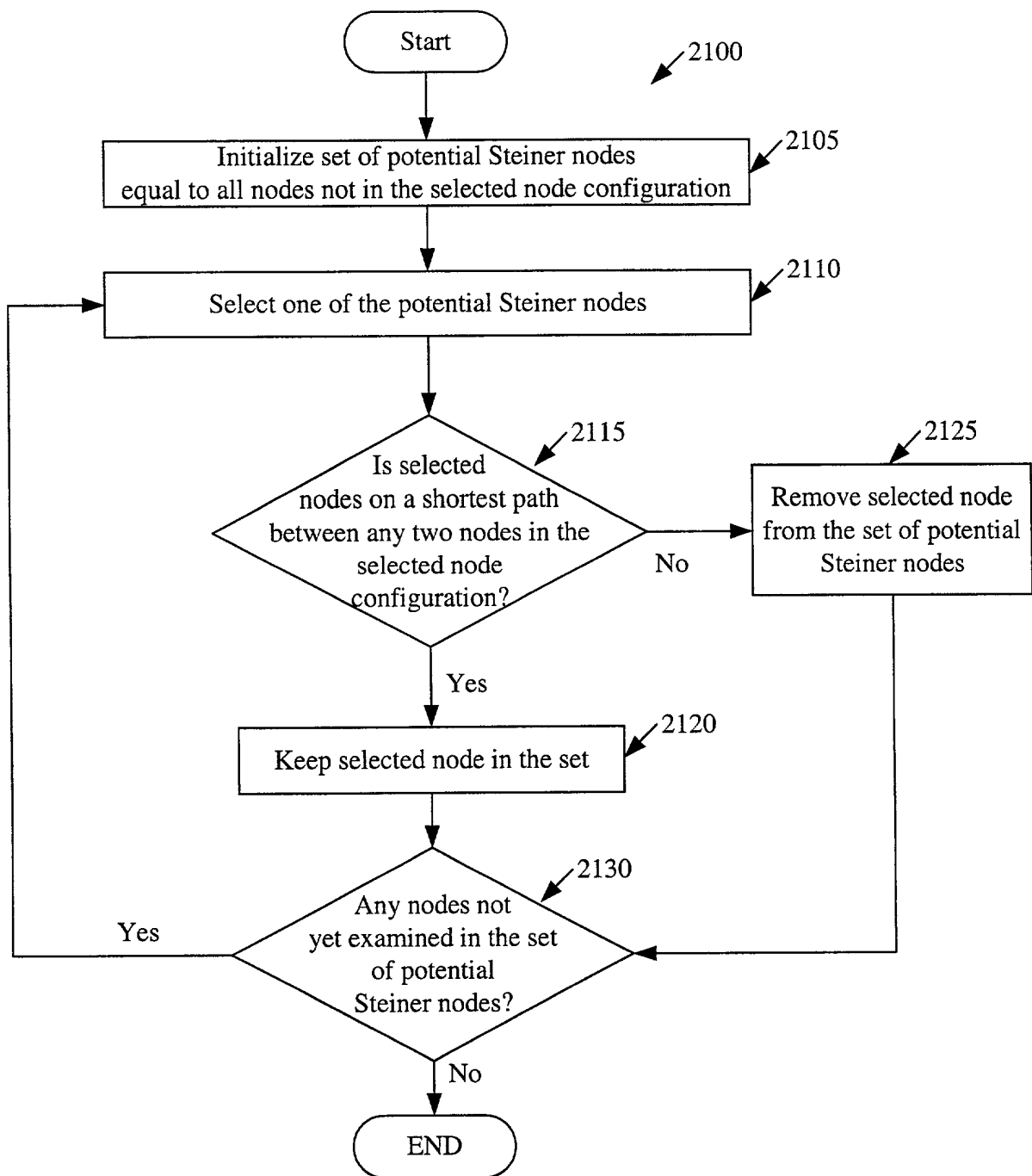


Figure 21

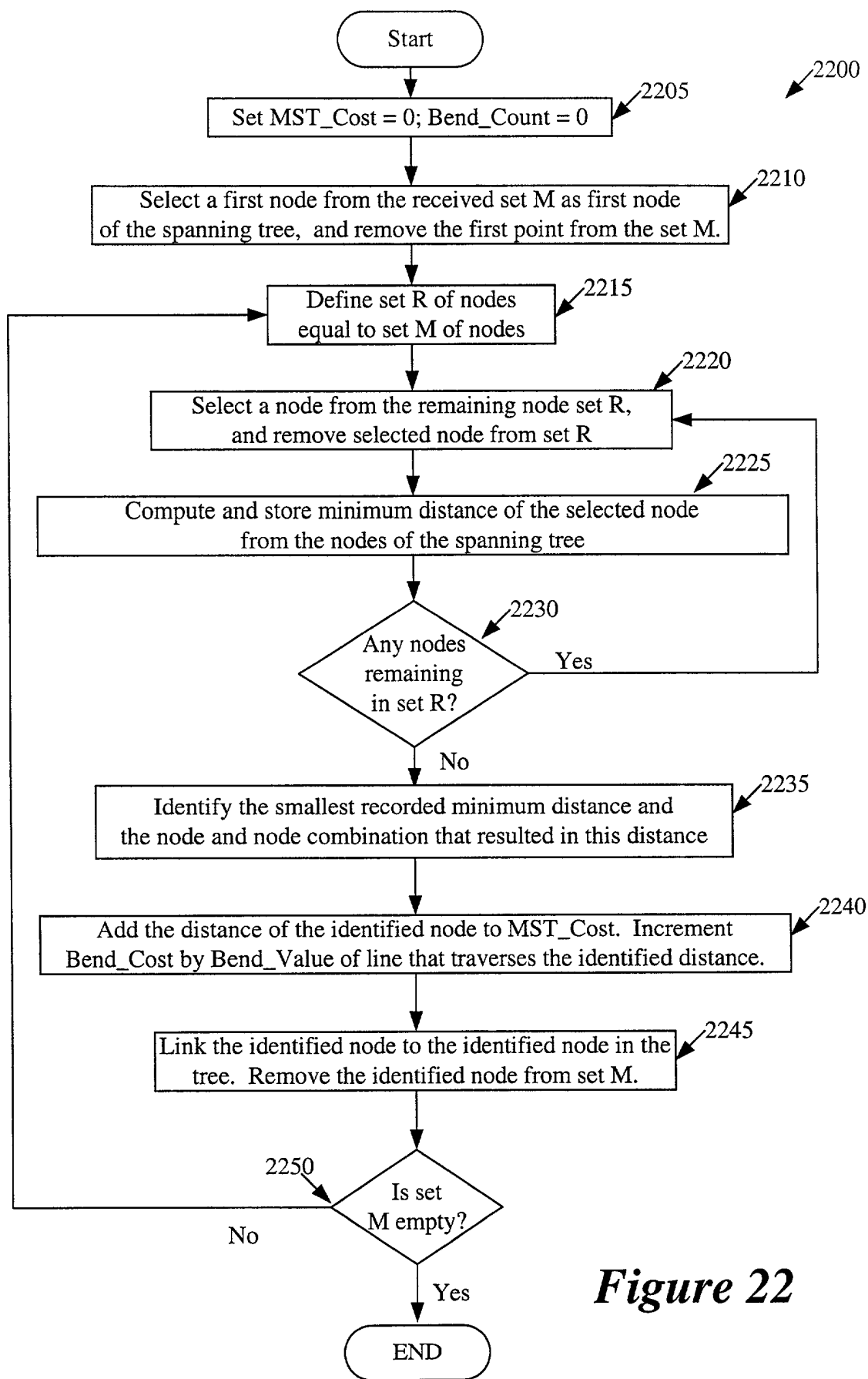


Figure 22

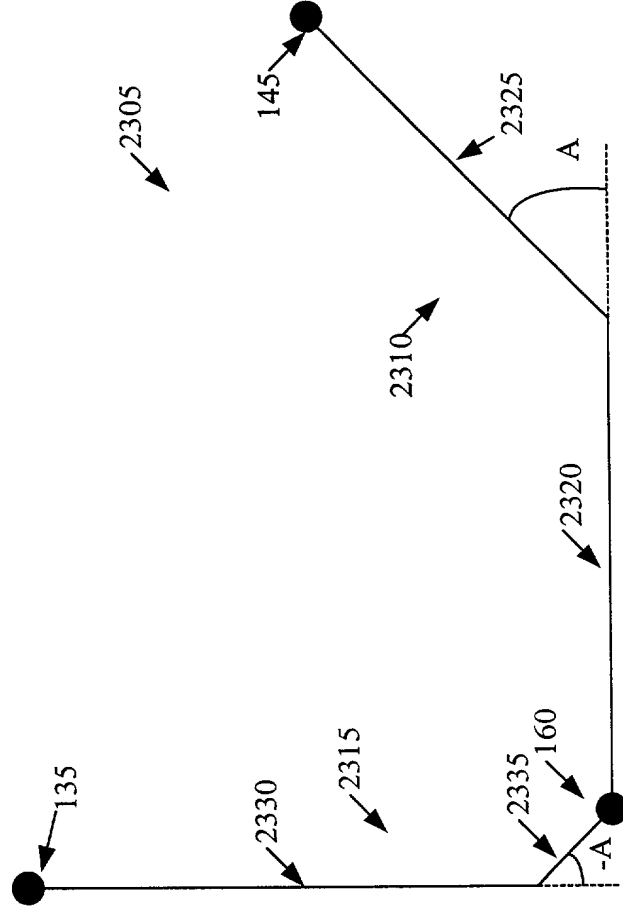


Figure 23

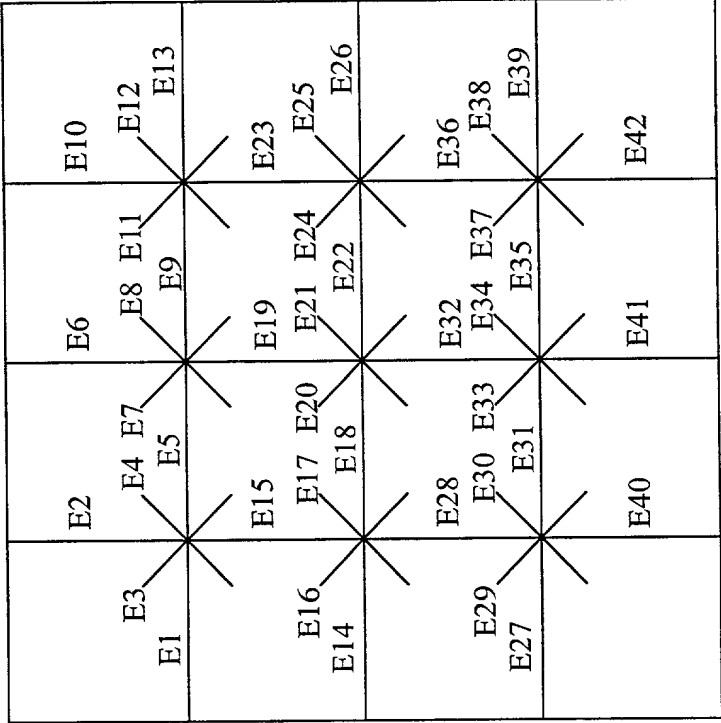


Figure 24

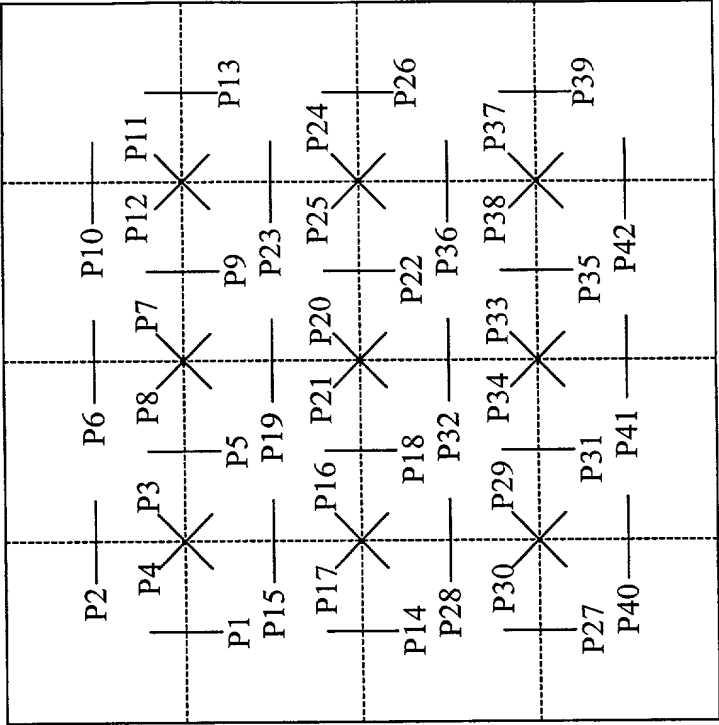


Figure 25

P_{17} 1	P_{14} 2	P_{32} 1	P_{36} 2
P_{27} 2	P_{31} 1	P_{33} 1	P_{37} 1
P_{40} 3	P_{41} 1		

Figure 26

P_{17} 0.33	P_{14} 0.66	P_{32} 0.33	P_{36} 0.66
P_{27} 0.66	P_{31} 0.33	P_{33} 0.33	P_{37} 0.33
P_{40} 1.0	P_{41} 0.33		

Figure 27

E14 2	E17 1			
		E32 1	E36 2	
E27 2	E31 1	E33 1	E37 1	
E40 3	E41 1			

Figure 28

E14 0.66	E17 0.33	E32 0.33	E36 0.66	
E27 0.66	E31 0.33	E33 0.33	E37 0.33	
E40 1.0	E41 0.33			

Figure 29

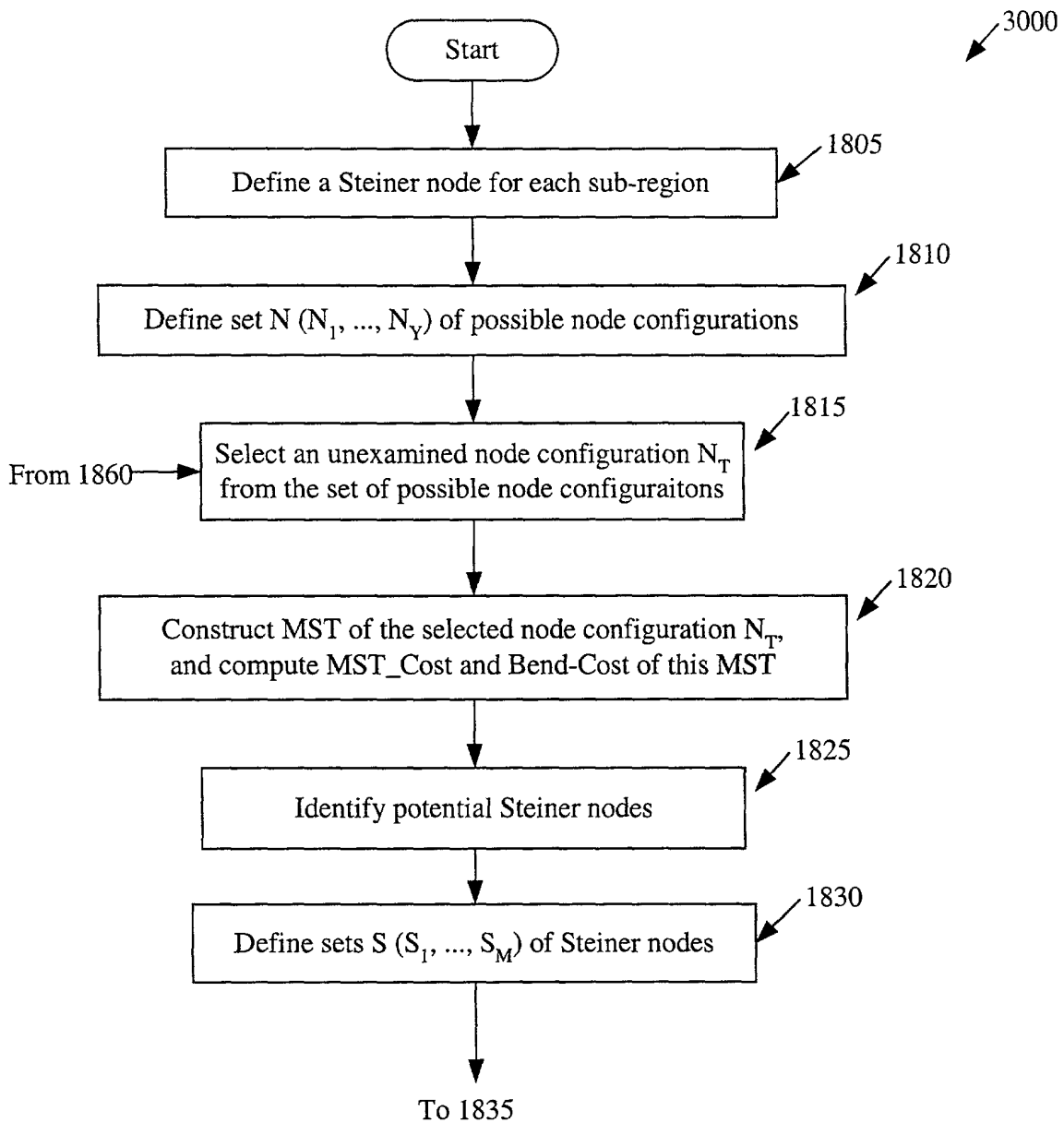


Figure 30A

Figure 30: $\frac{\text{Figure 30A}}{\text{Figure 30B}}$

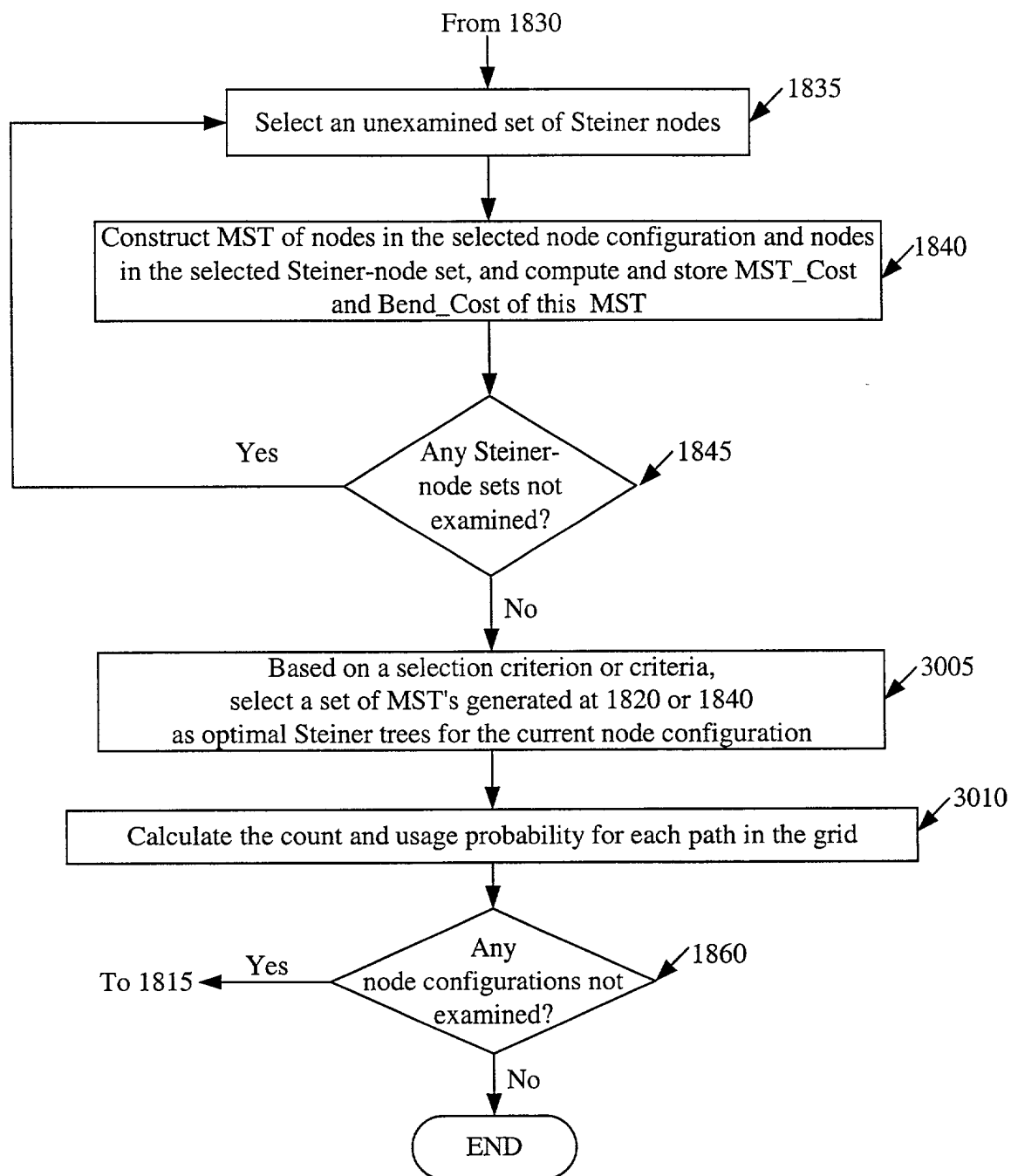


Figure 30B

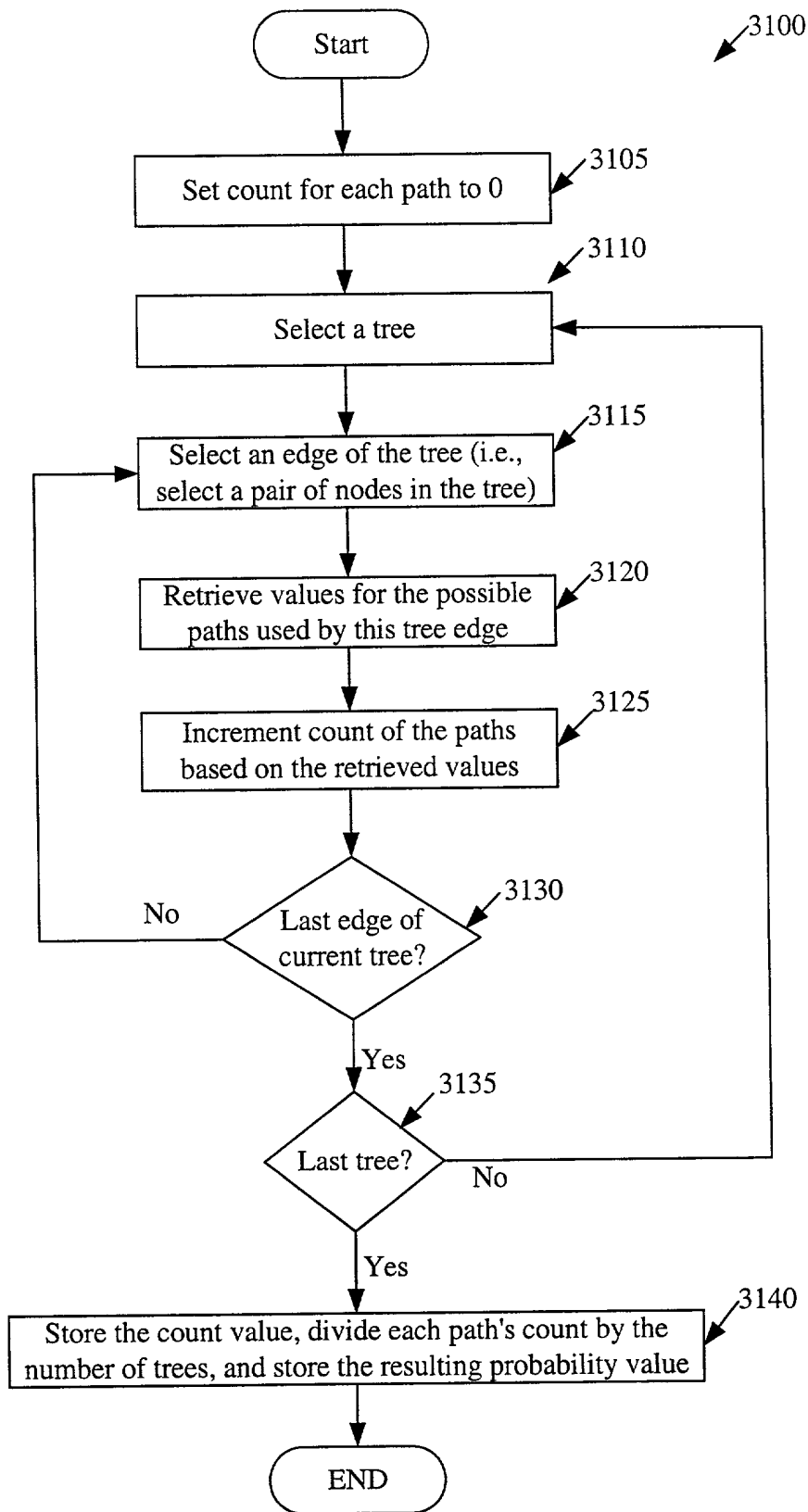


Figure 31

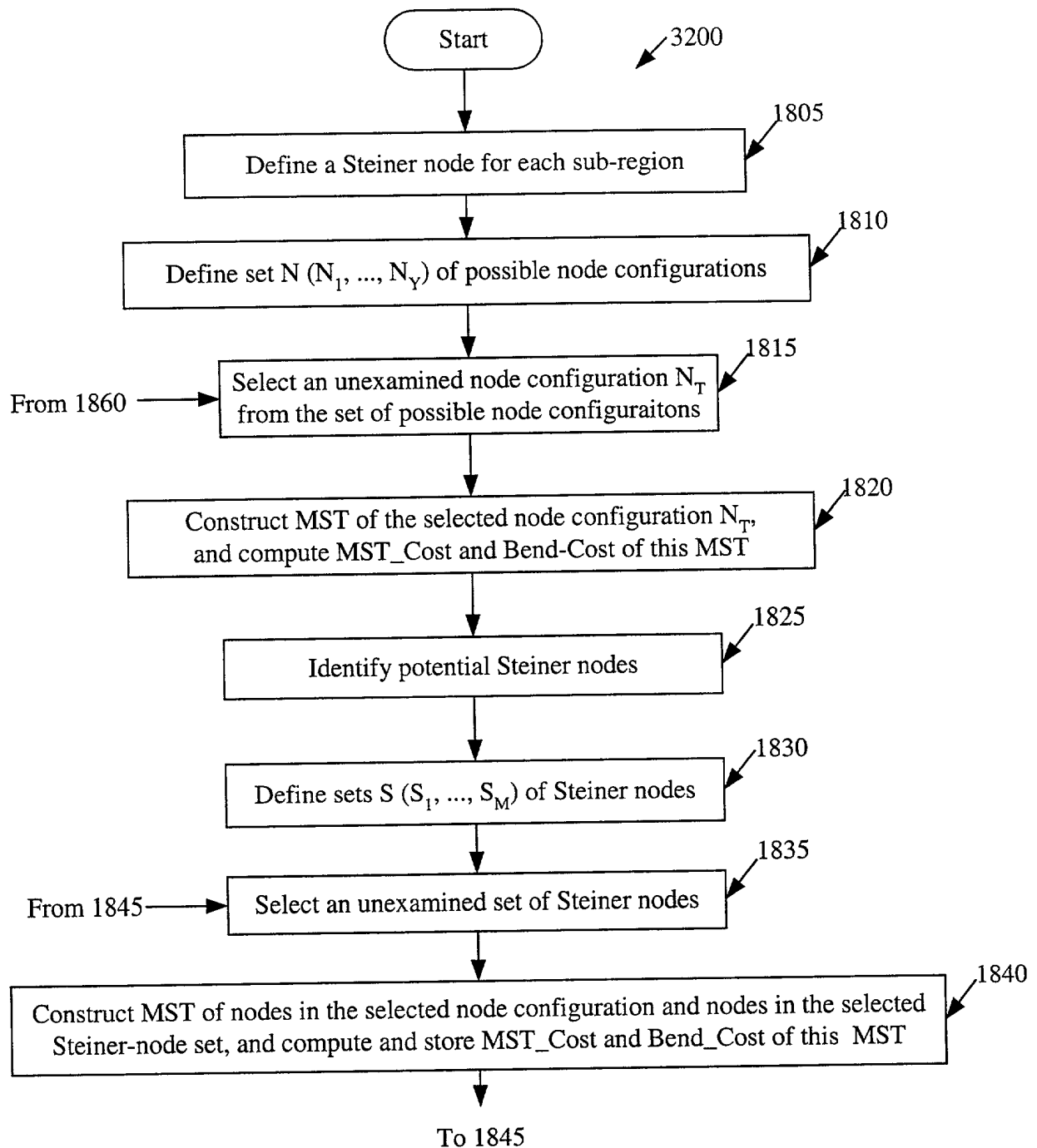


Figure 32A

Figure 32: $\frac{\text{Figure 32A}}{\text{Figure 32B}}$

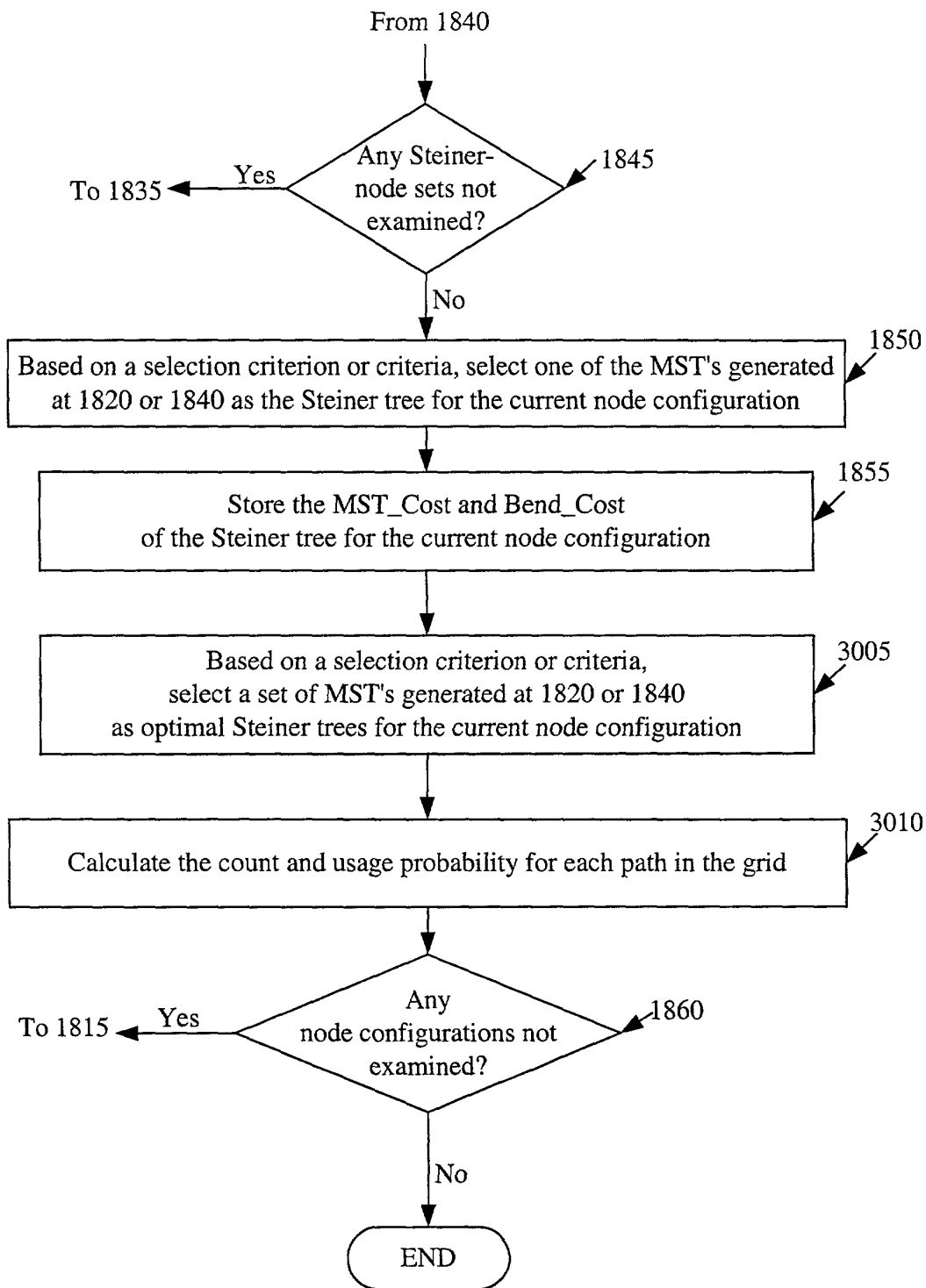


Figure 32B

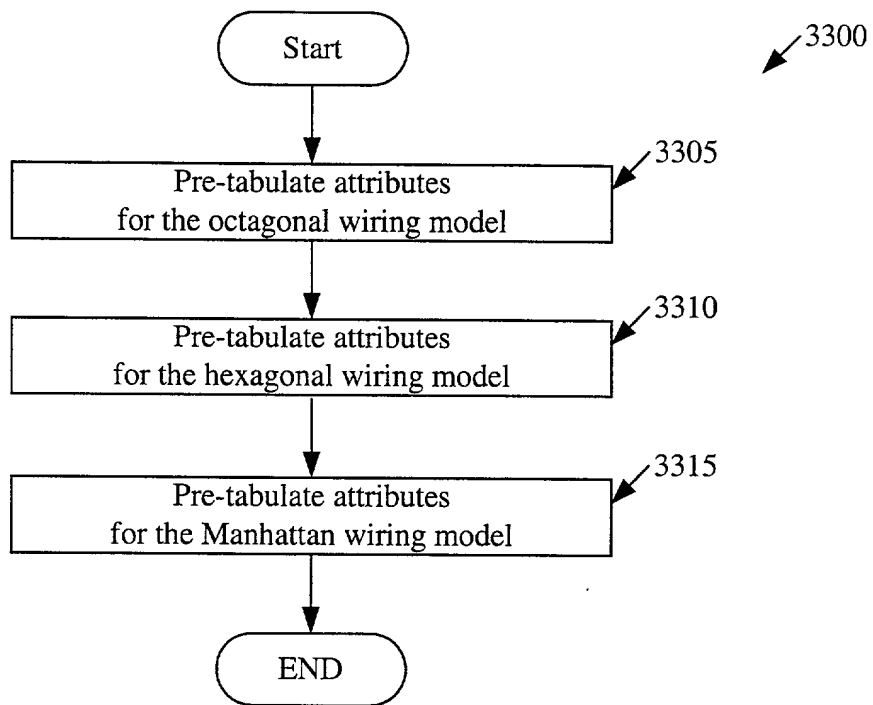


Figure 33

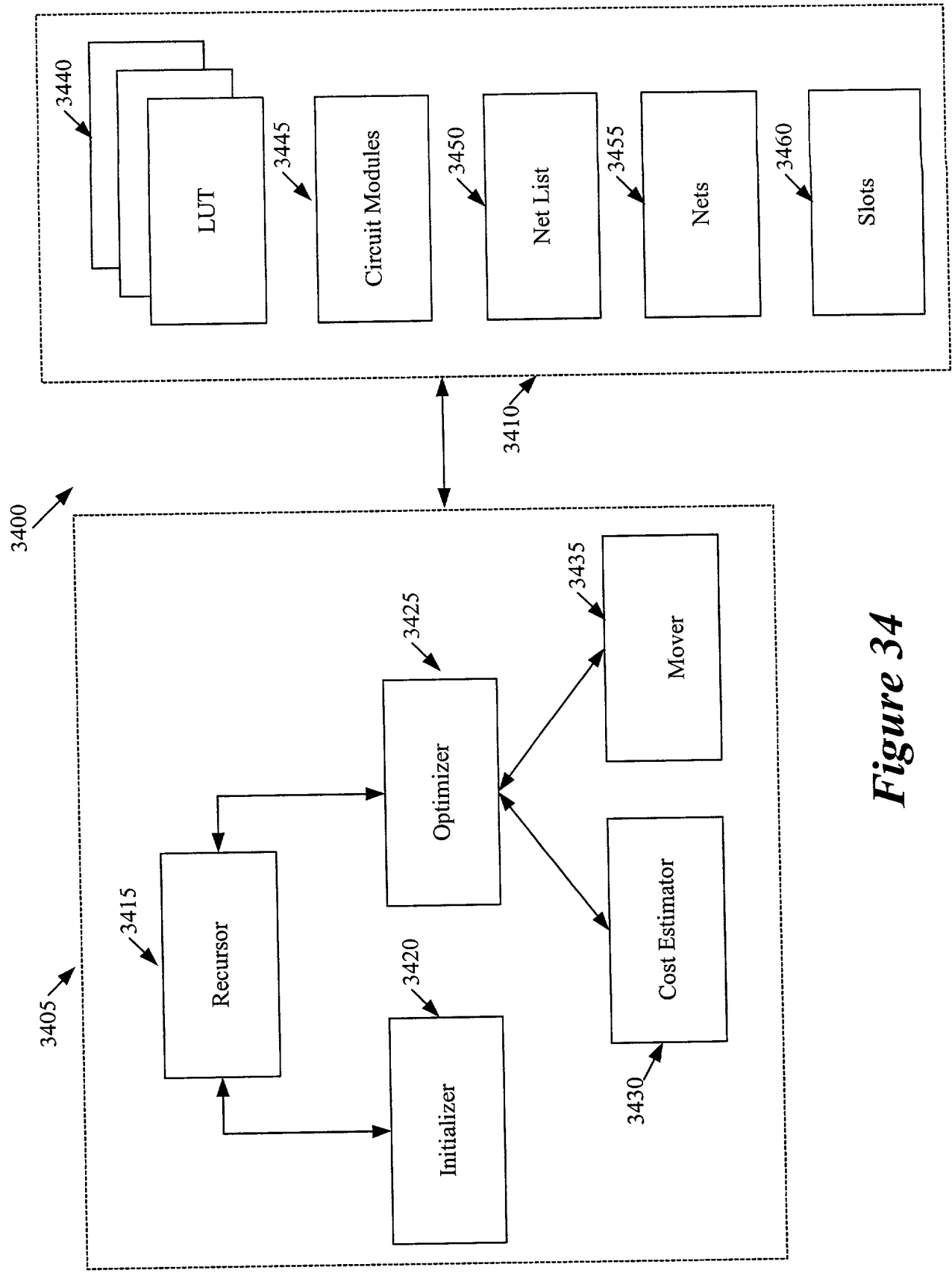


Figure 34

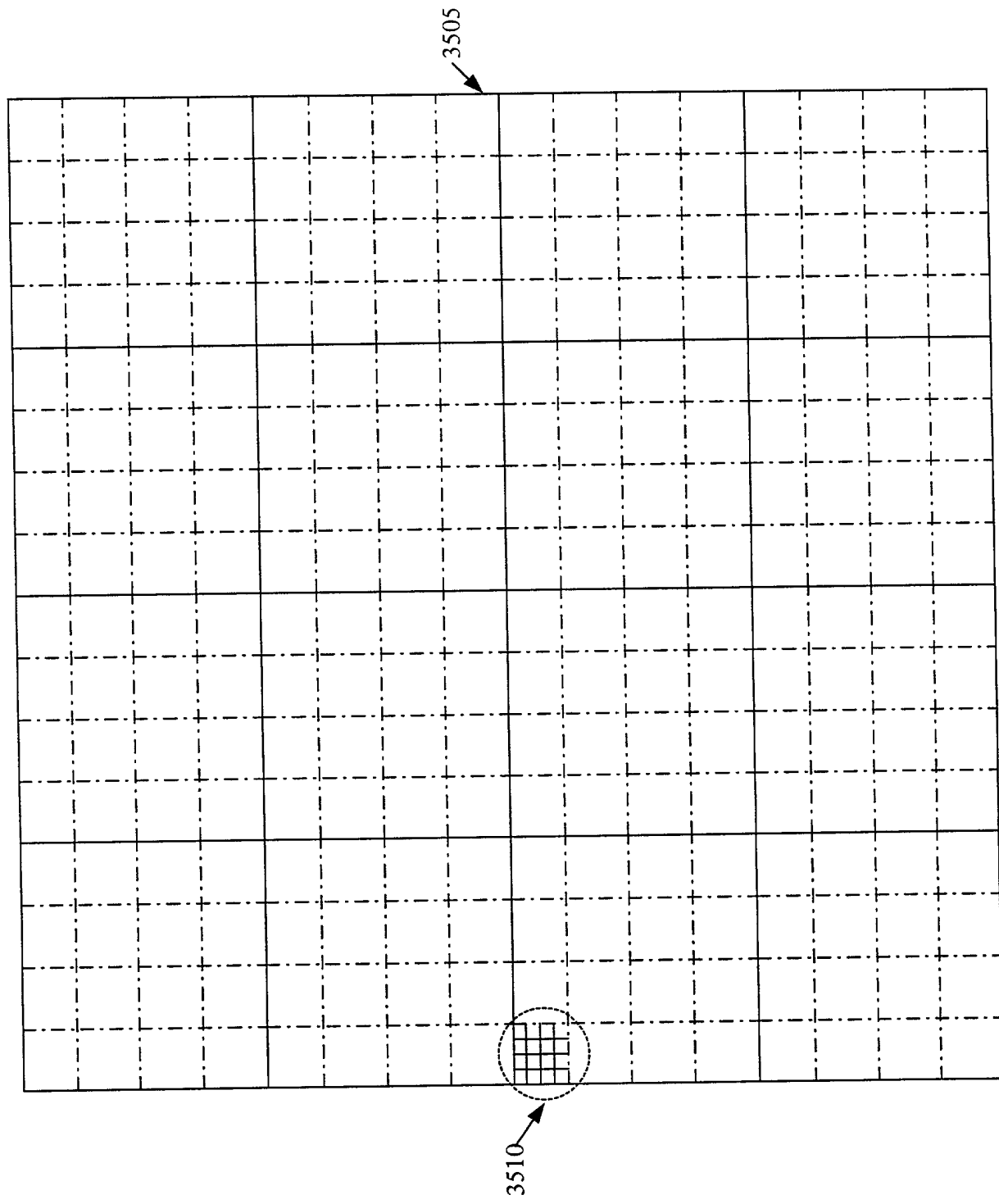


Figure 35

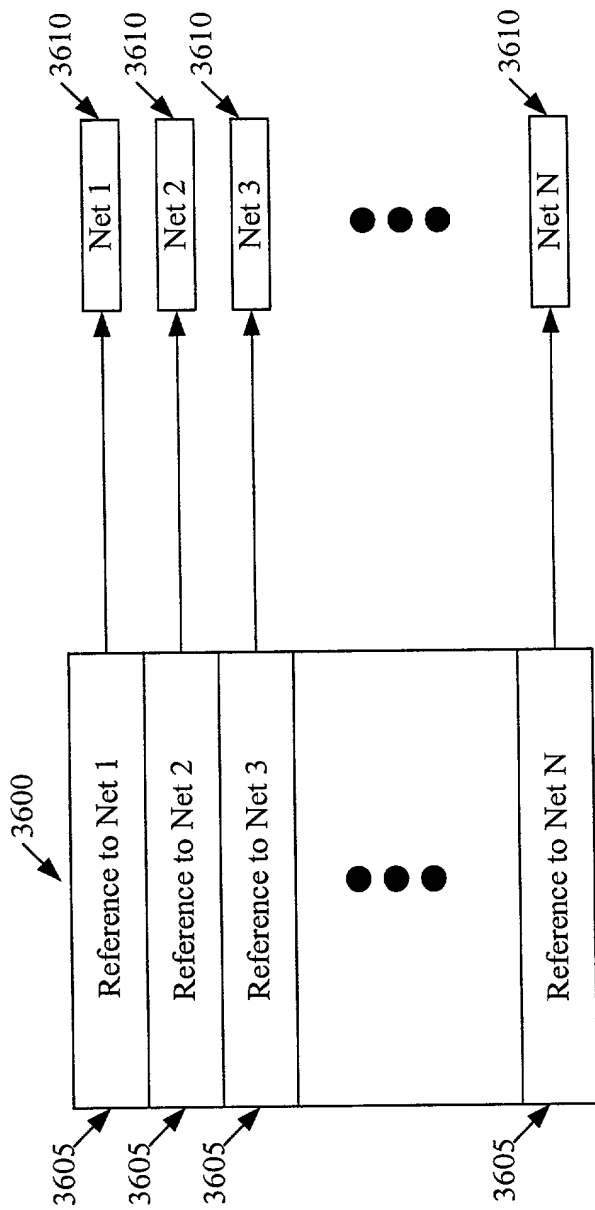


Figure 36

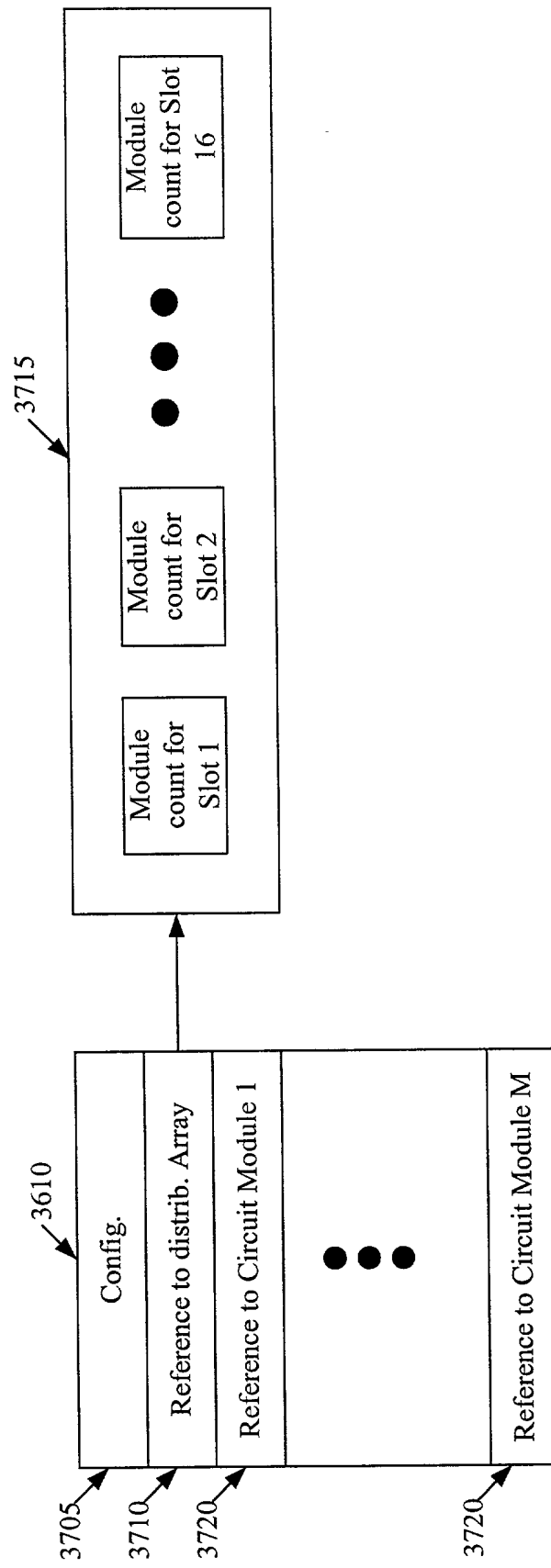


Figure 37

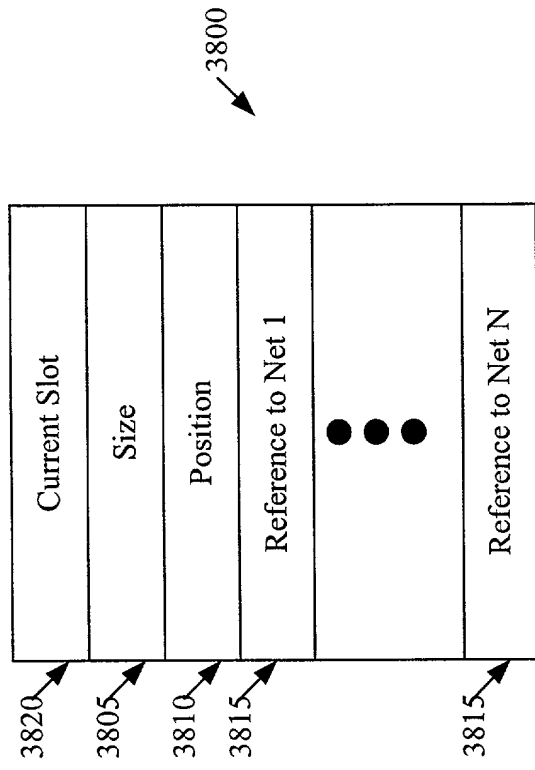


Figure 38

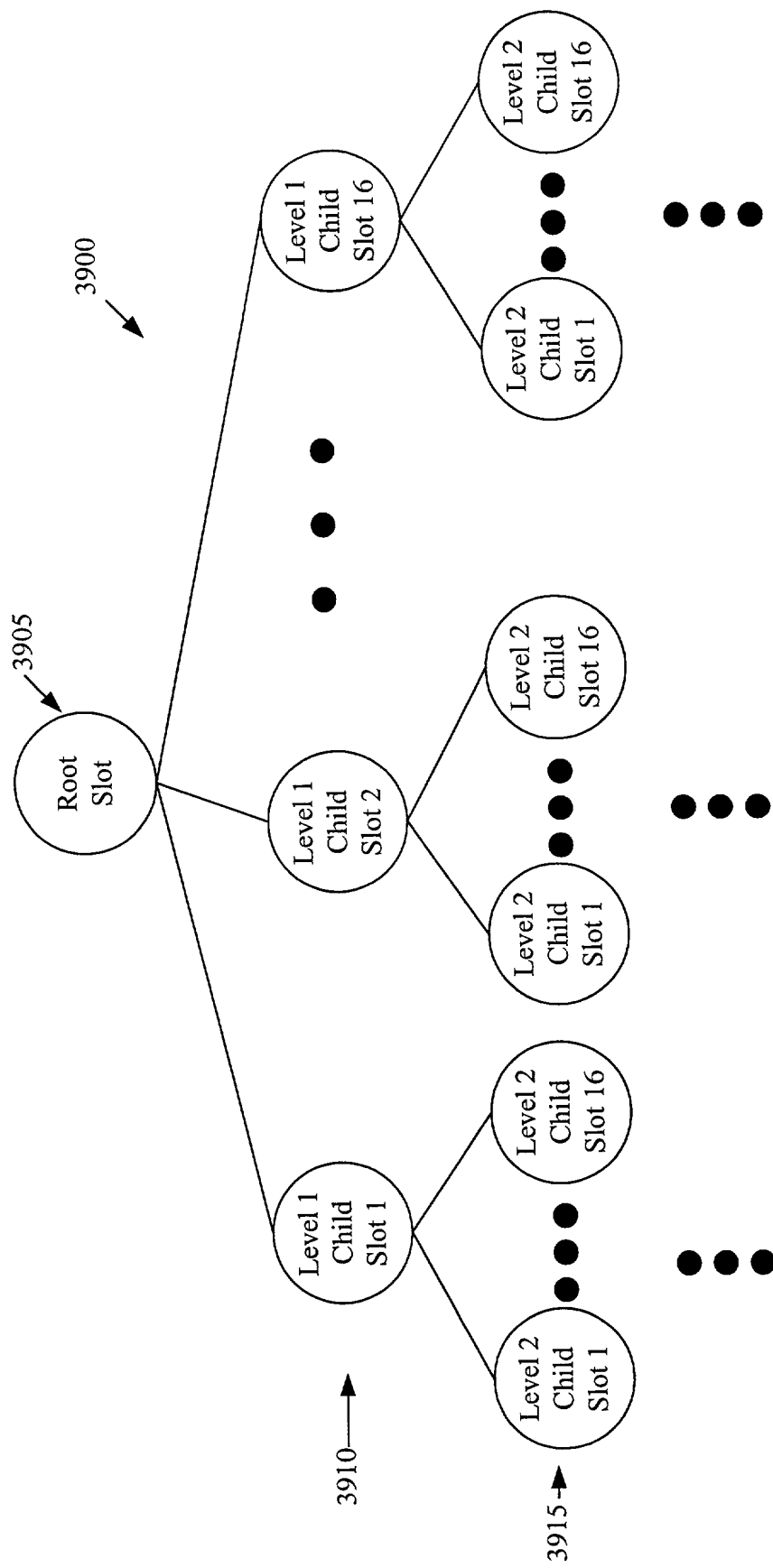


Figure 39

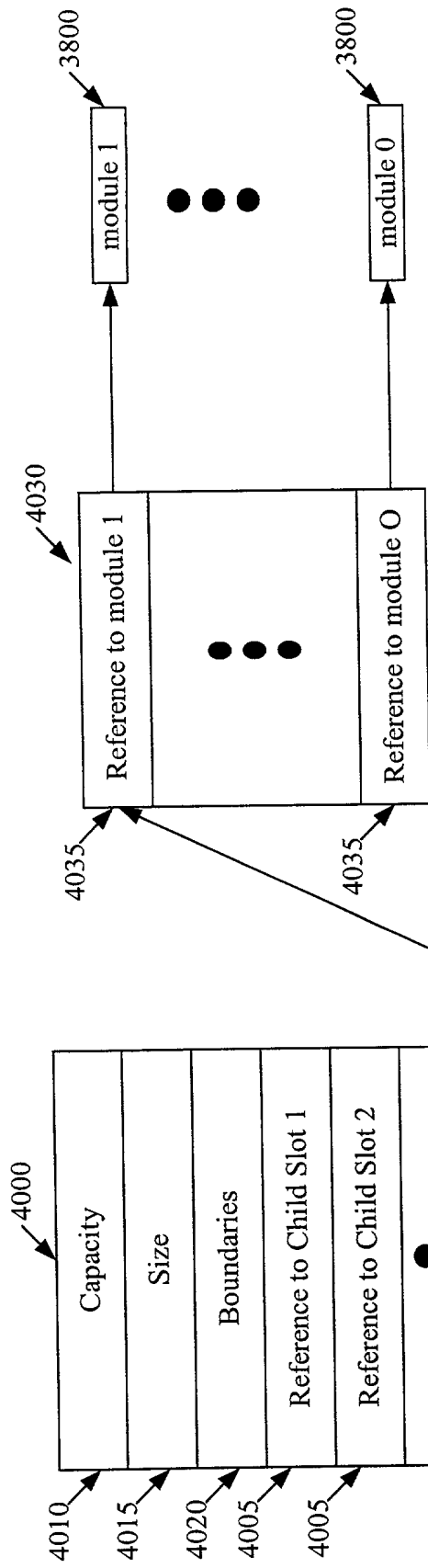


Figure 40



Data Structure = $\left[\sum_{net} F(netconfig, path1), \sum_{net} F(netconfig, path2), \sum_{net} F(netconfig, path3), \dots, \sum_{net} F(netconfig, path42) \right]$

Figure 43

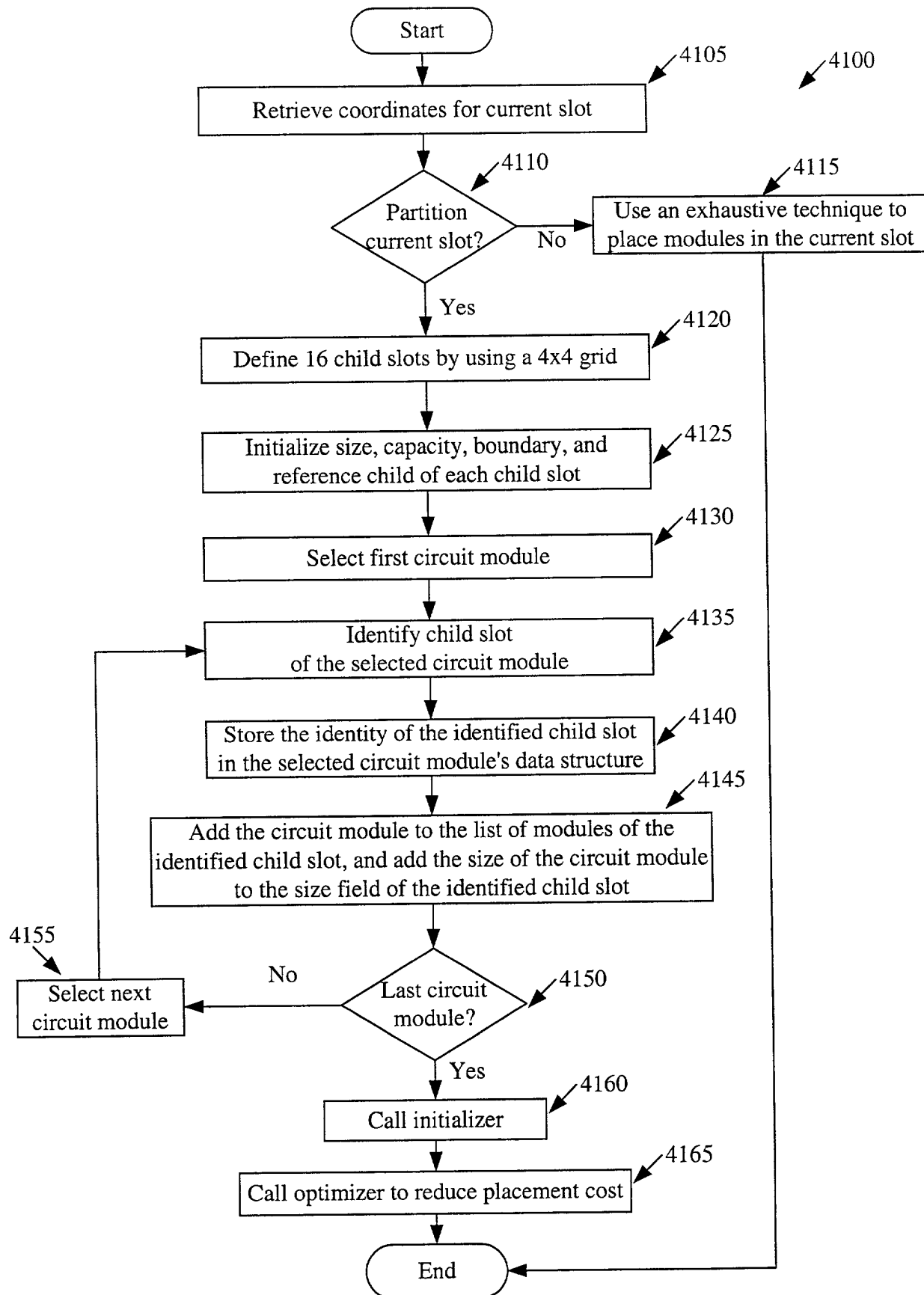


Figure 41

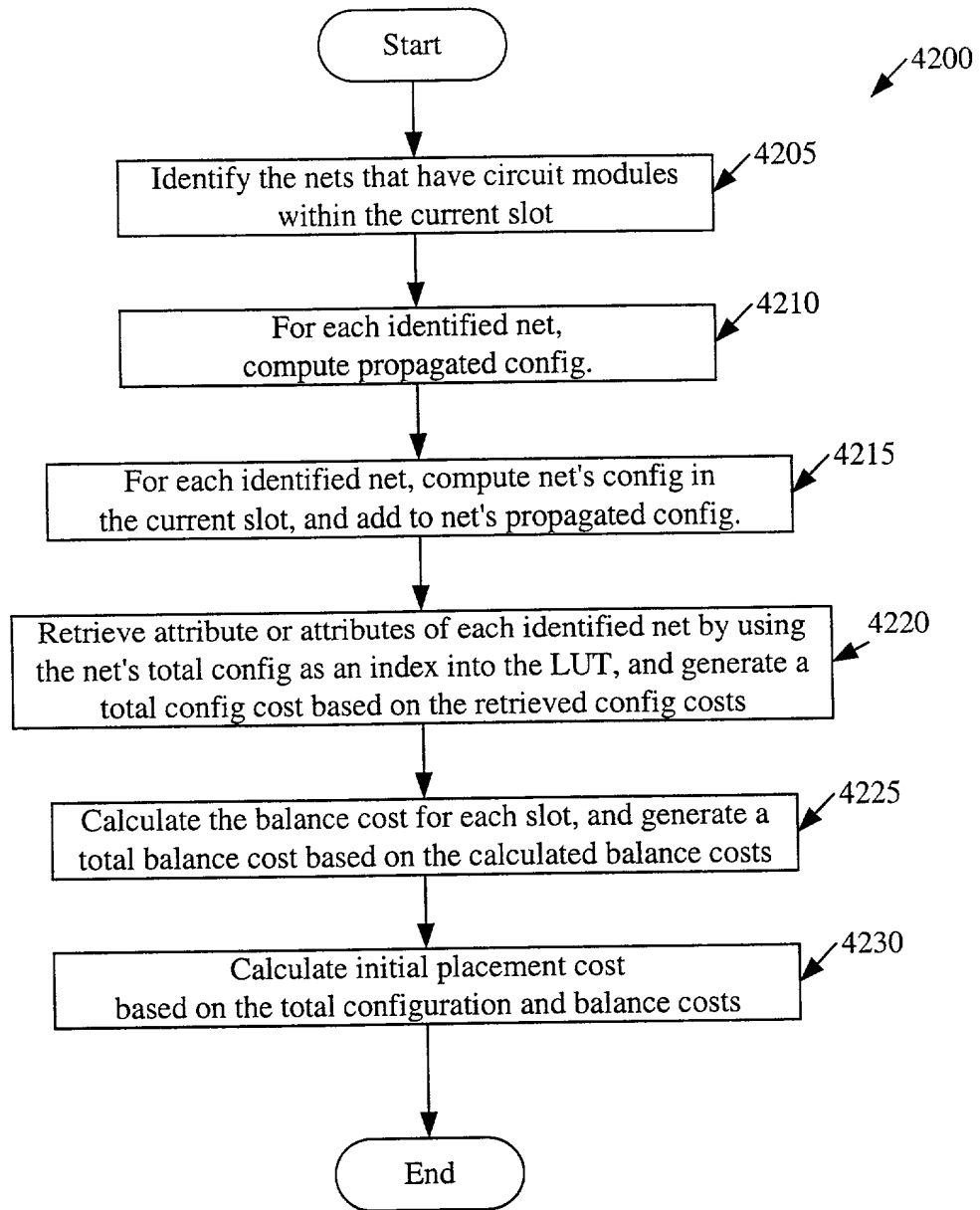


Figure 42

4405 ₁₃	4405 ₁₄	4405 ₁₅	4405 ₁₆
4405 ₉	<div> <div>4420</div> <div>↓</div> <div>■</div> </div>	4405 ₁₂	
4425	<div> <div>4425</div> <div>↓</div> <div>■</div> </div>	<div> <div>4405₁₁</div> <div>↓</div> <div>■</div> </div>	4405 ₈
4405 ₅	<div> <div>4405₁₀</div> <div>13 14 15 16</div> <div>9 10 11 12</div> <div>5 6 7 8</div> <div>1 2 3 4</div> </div>	4405 ₇	
4405 ₁	<div> <div>4405₂</div> <div>4410</div> <div>↓</div> <div>■</div> </div>	4405 ₃	4405 ₄

Figure 44

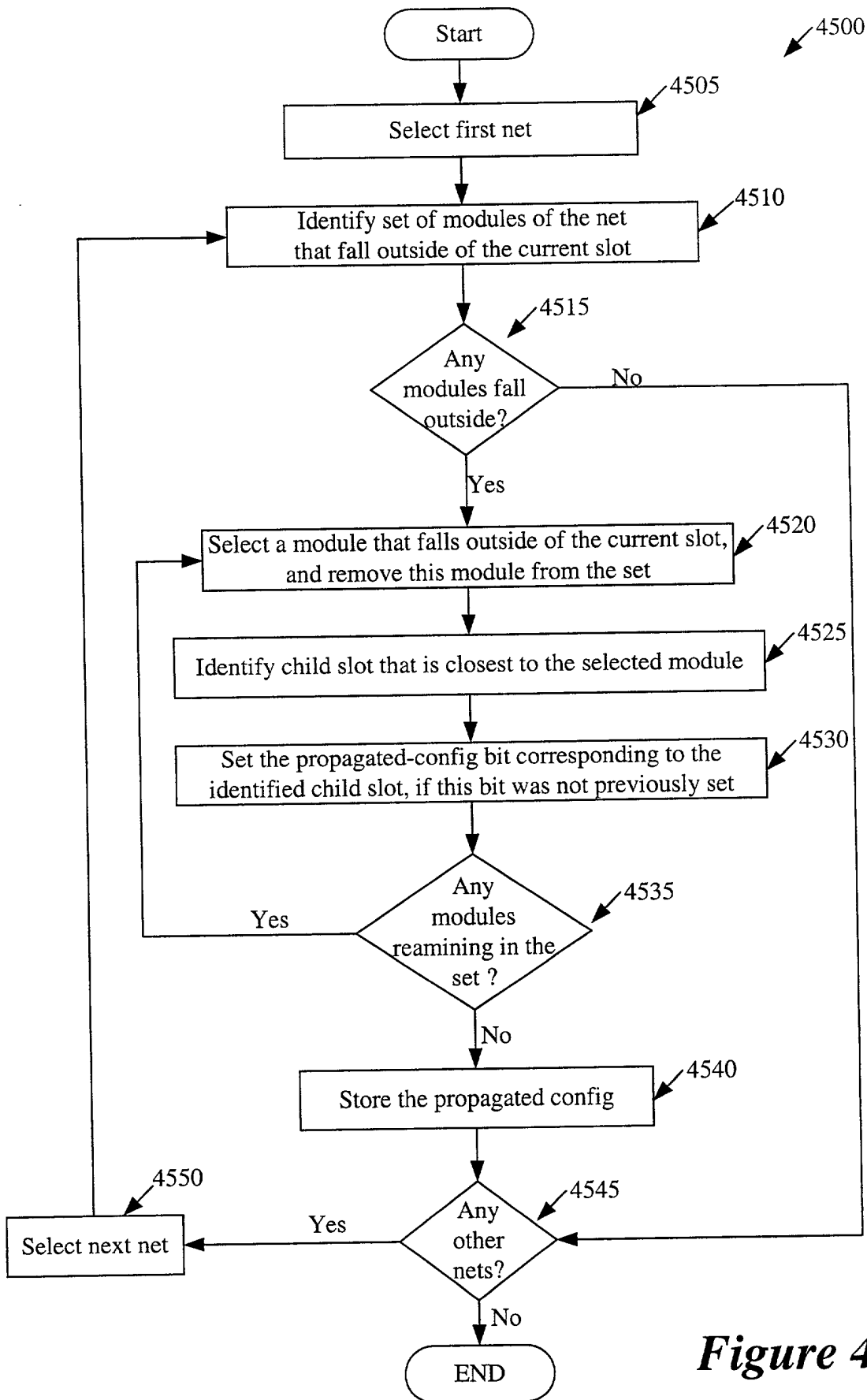


Figure 45

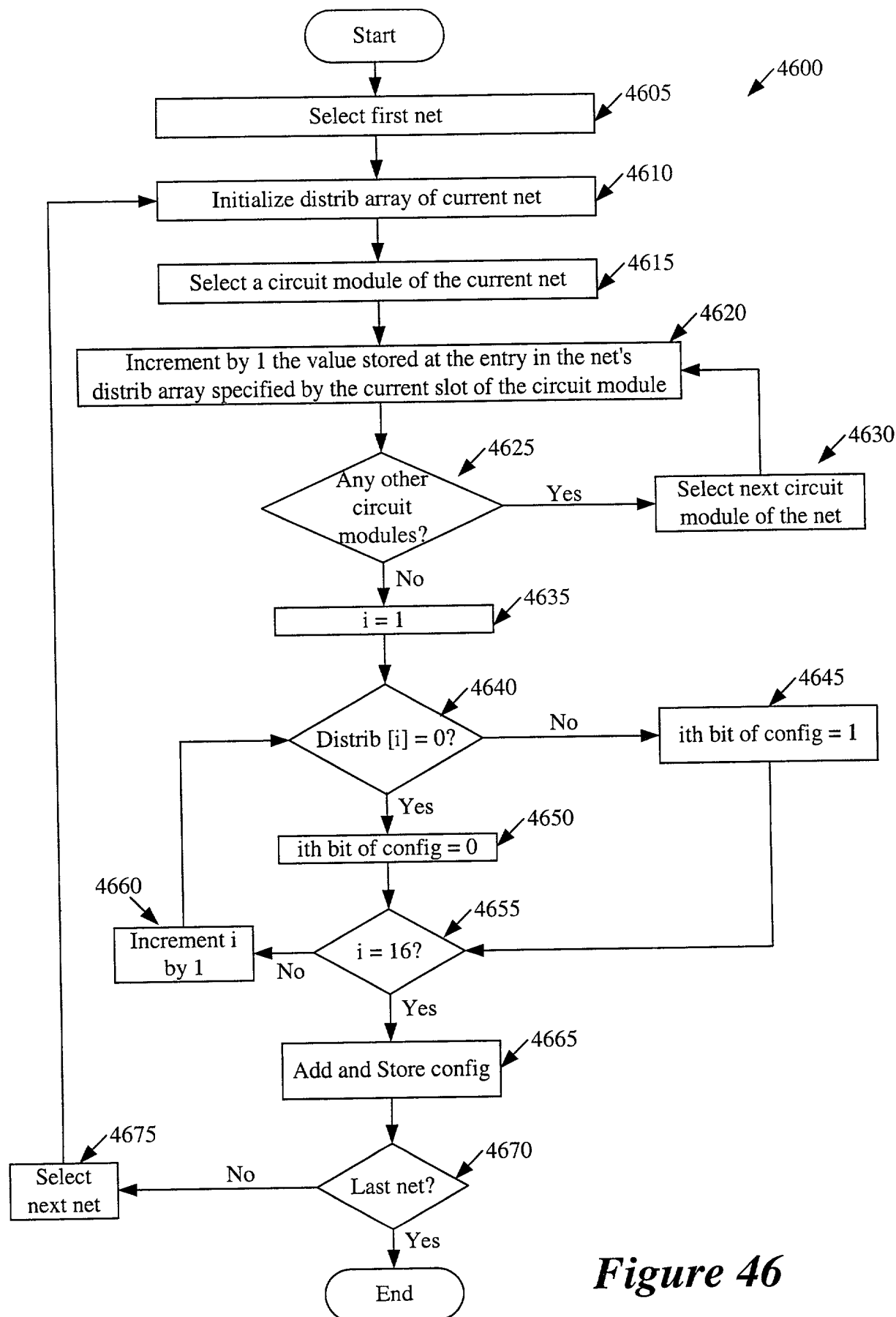


Figure 46

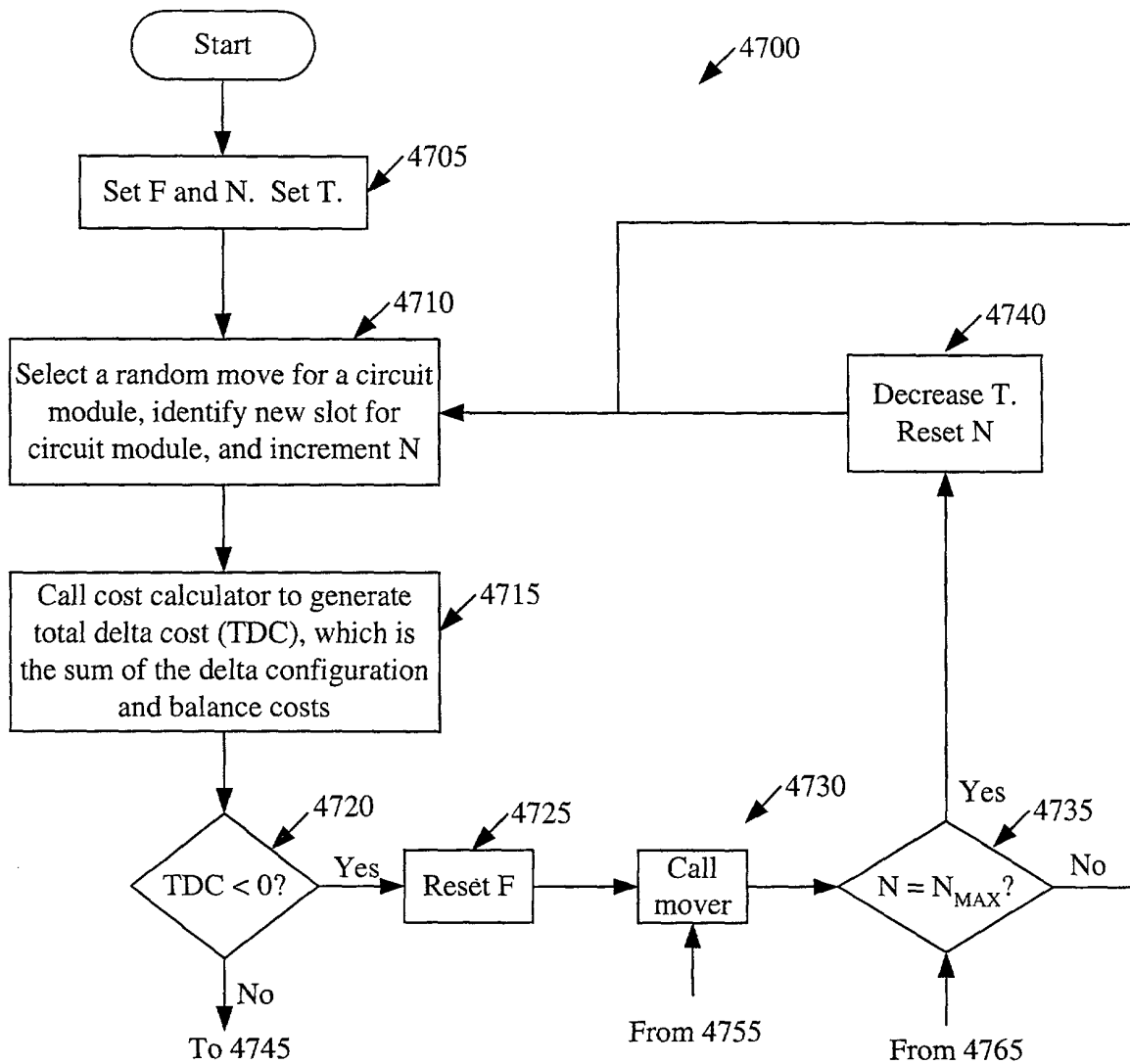


Figure 47A

**Figure 47: Figure 47A
Figure 47B**

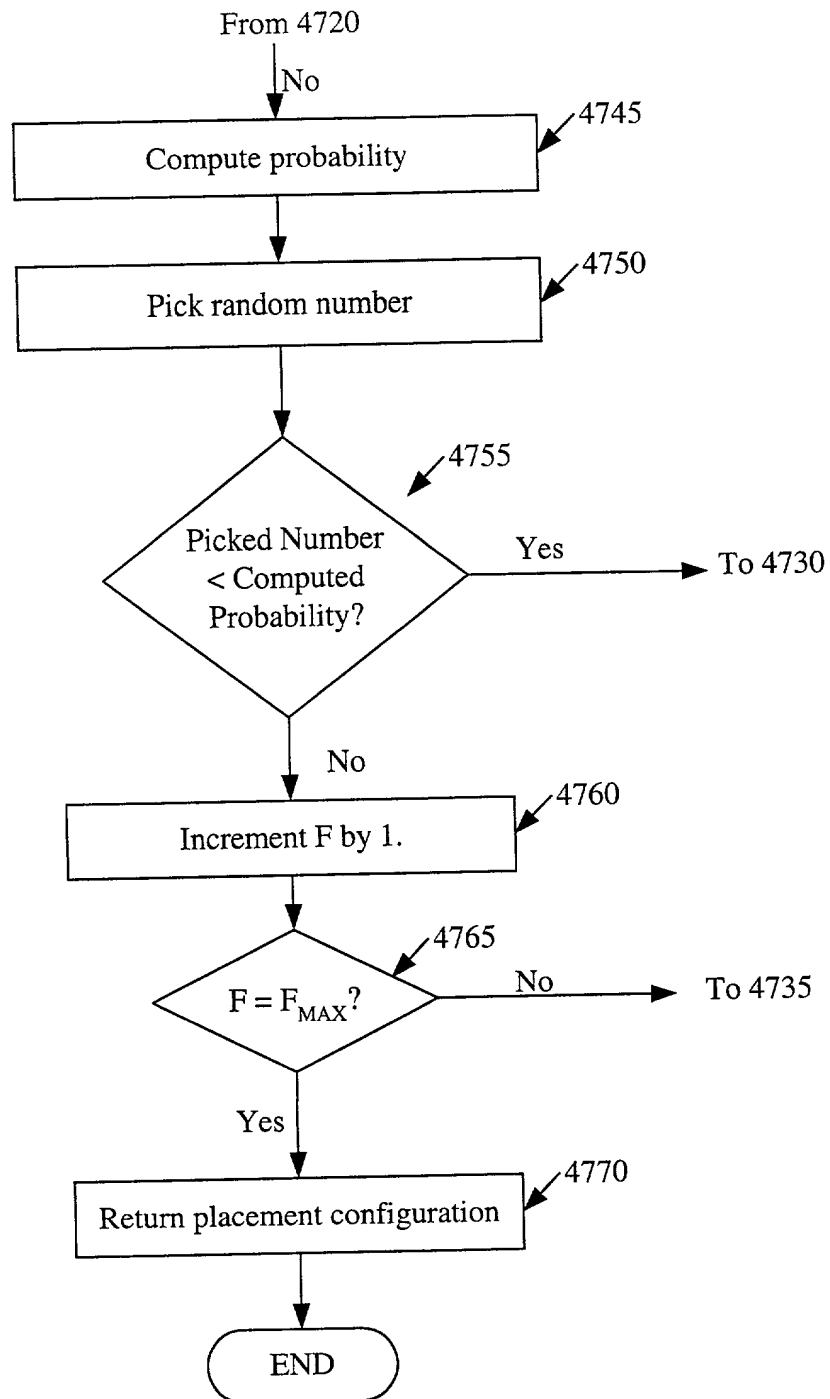


Figure 47B

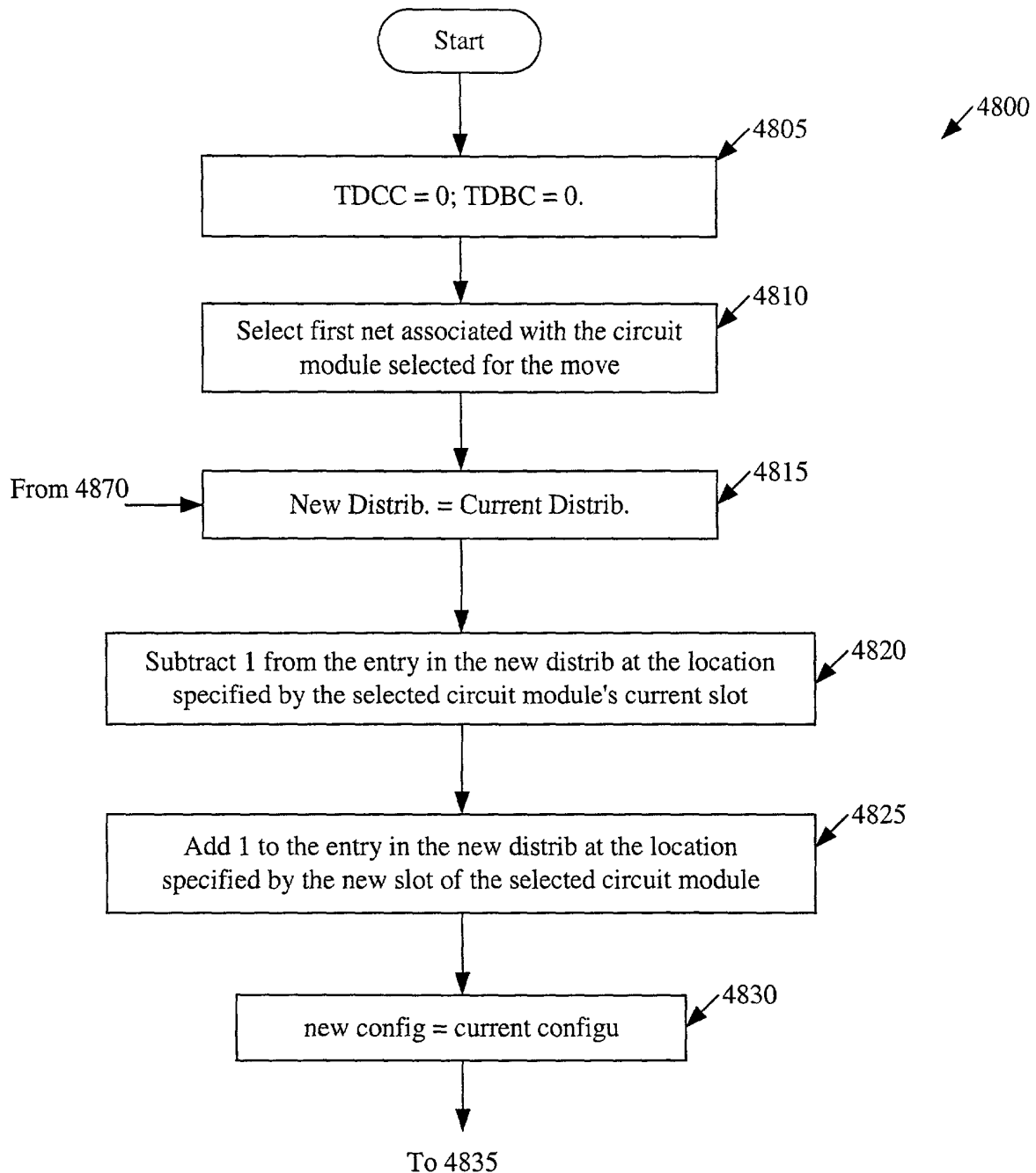


Figure 48A

Figure 48: Figure 48A
Figure 48B

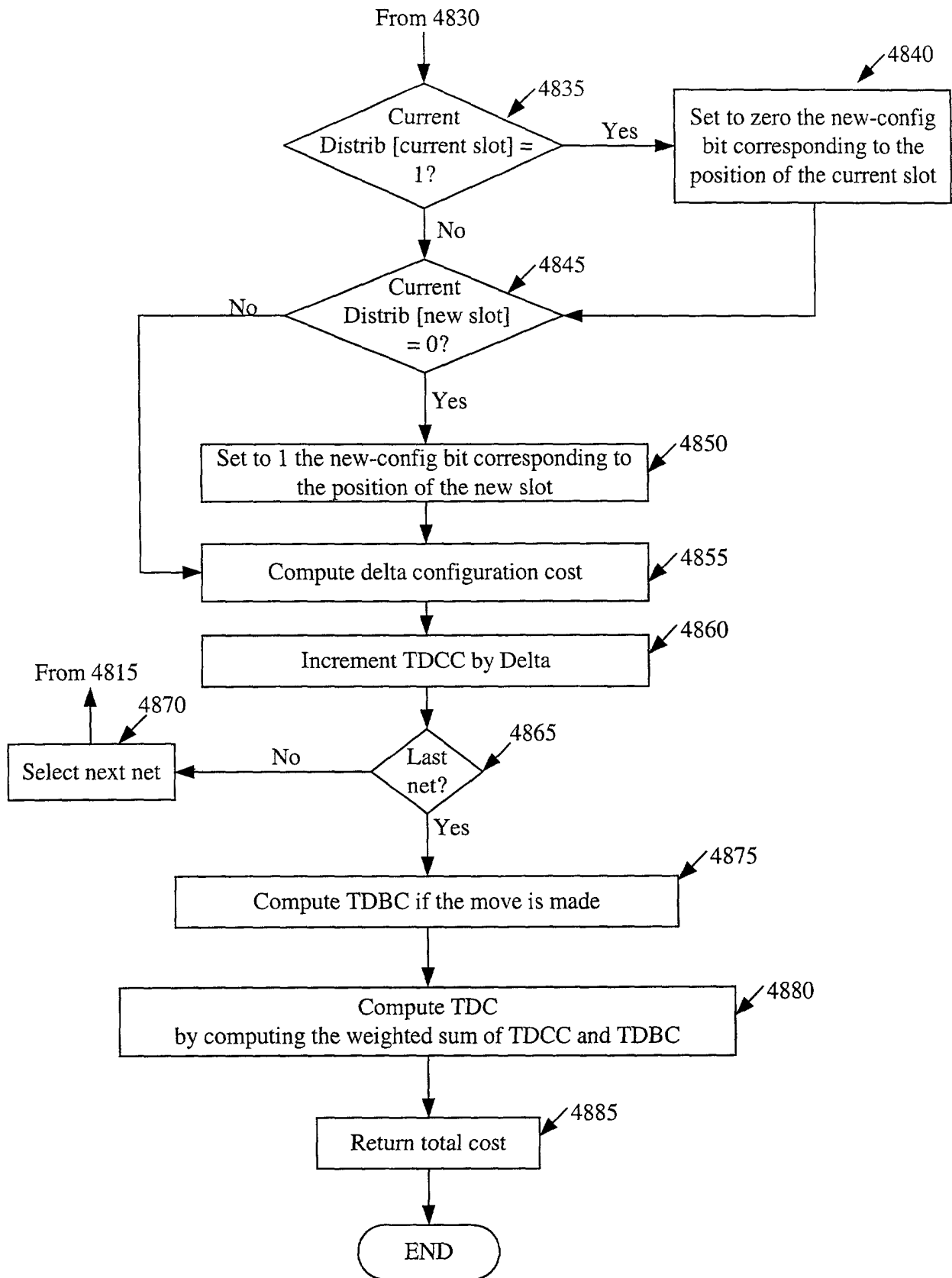


Figure 48B

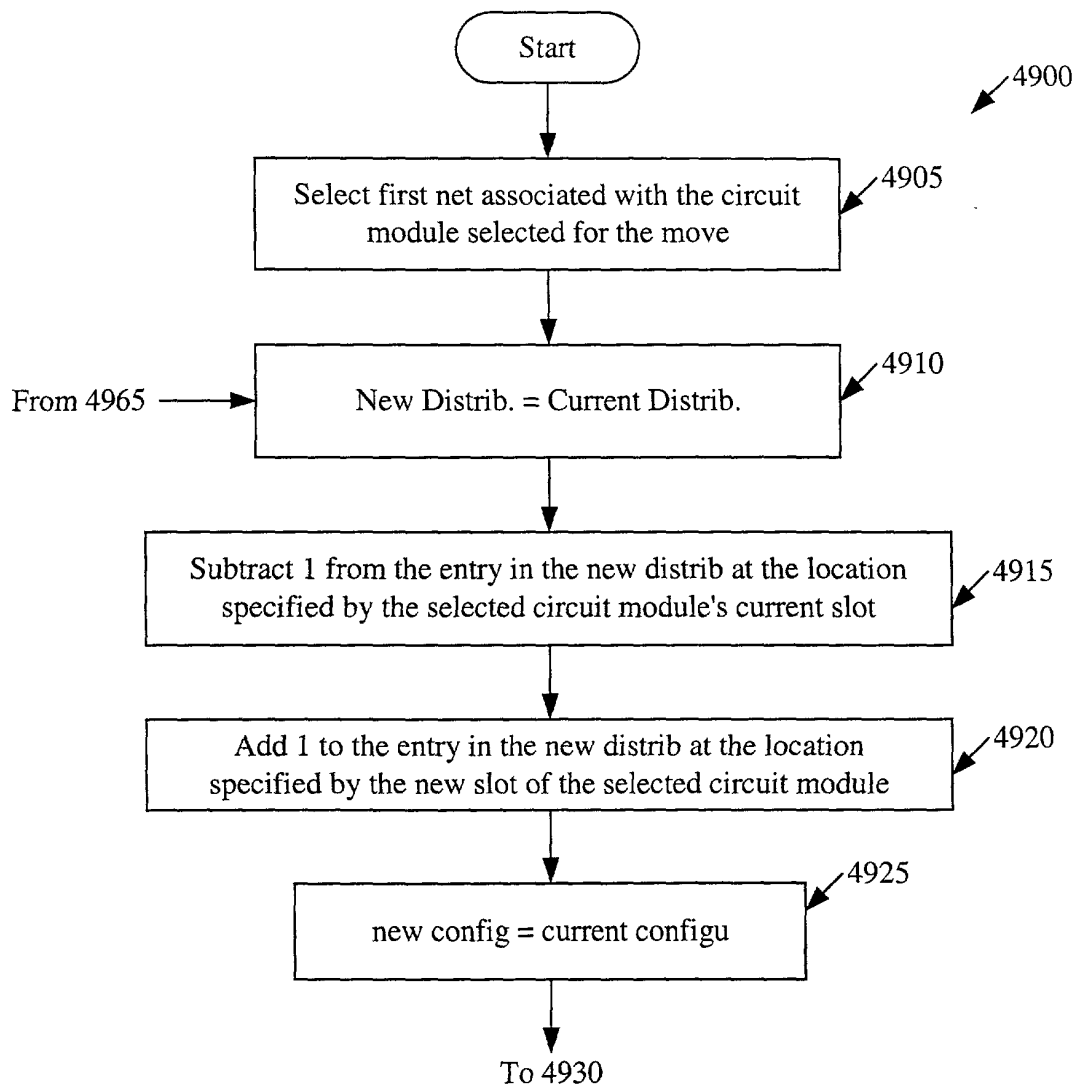


Figure 49A

Figure 49: Figure 49A
Figure 49B

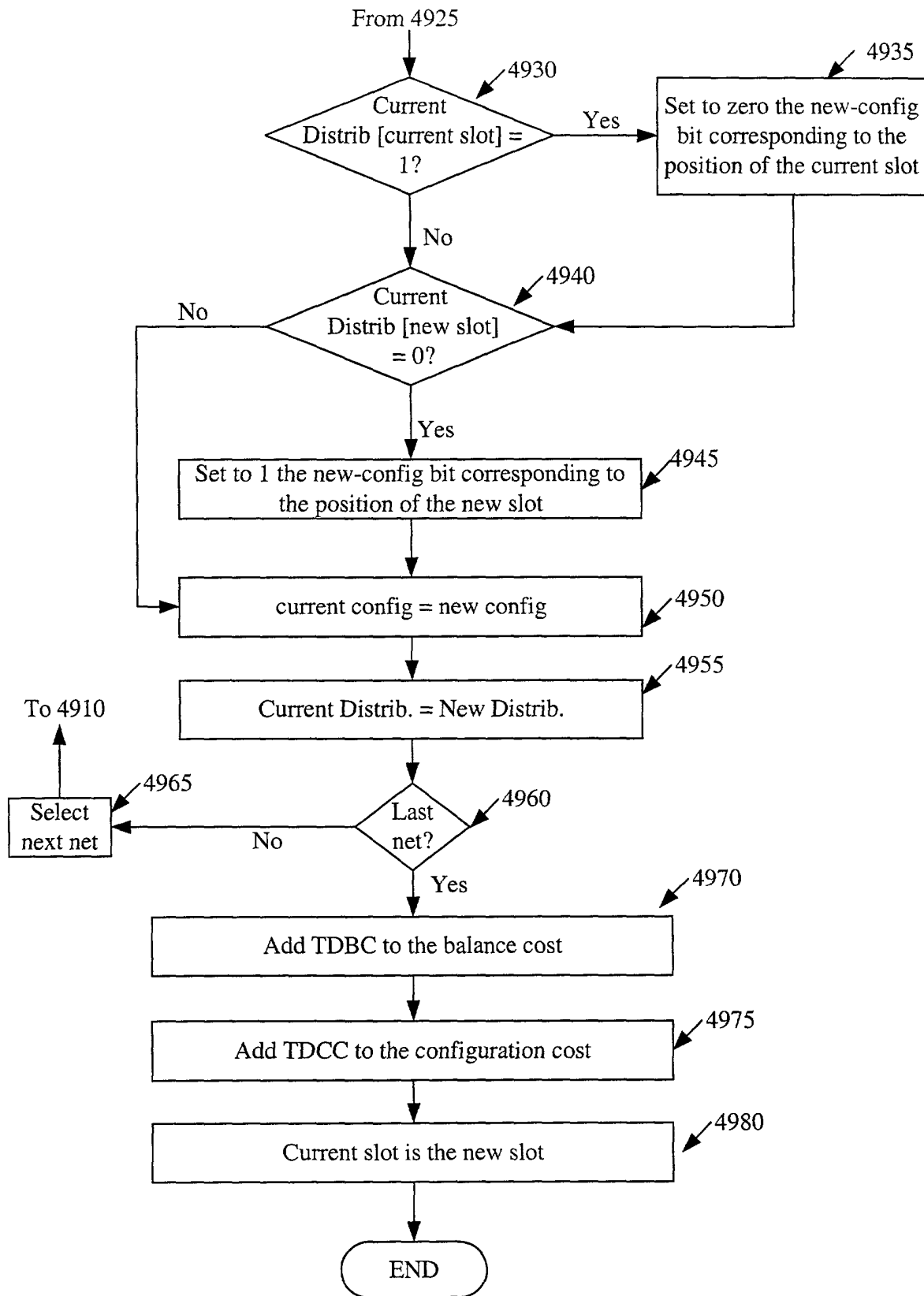


Figure 49B

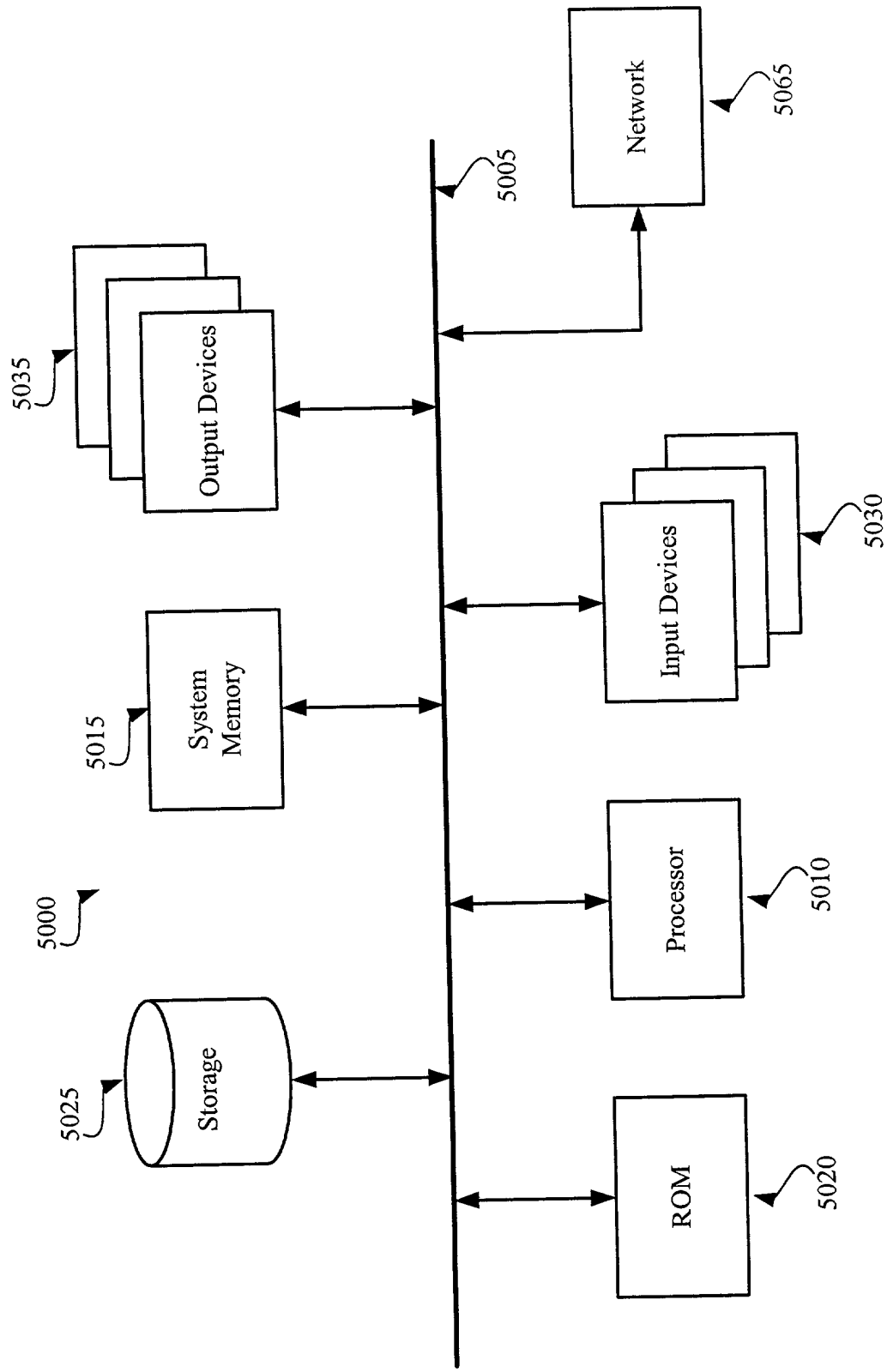


Figure 50